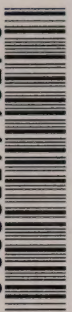


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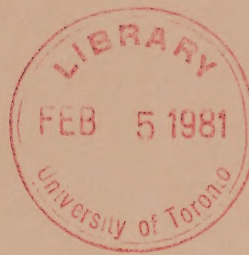




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**SALINITY/TEMPERATURE PROFILES IN
SAANICH INLET, B.C.
PART I: APRIL 1976 - DECEMBER 1977**

by
Coastal Zone Oceanography Section

**INSTITUTE OF OCEAN SCIENCES
Sidney, B.C.**



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V8L 4B2

CH1
Ep32
-80205

Pacific Marine Science Report 80-5 (1)

Abstract

Profiles of temperature, salinity and dissolved oxygen obtained in
Saanich Inlet from April, 1976 to December, 1977 are reported. Presentation
of these data, as well as other associated information such as density and
wind-velocity measured near the surface of the water, and profiles
of salinity and temperature.

SALINITY/TEMPERATURE PROFILES IN

SAANICH INLET, B.C.

PART I: APRIL 1976 - DECEMBER 1977

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Coastal Zone Oceanography Section

Institute of Ocean Sciences

Sidney, B.C.

1980

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Abstract

Profiles of temperature, salinity and dissolved oxygen obtained in Saanich Inlet from April, 1976 to December, 1978 are reported. Presentation of these data, as well as other computed quantities such as density and Brunt-Väisälä frequency consists of printout at standard depths, and profile plots of temperature and salinity.

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Introduction

Saanich Inlet is a 28 km long fjord located at the southeastern end of Vancouver Island, see Figure 1. This fjord has a 70 m sill, and a deep basin having a maximum depth of 236 m. The low dissolved oxygen content (often anoxic conditions) of the deep waters of this fjord has made it the subject of several studies. The Coastal Zone Oceanography Section embarked on a long term program (current meter moorings and synoptic observations) to investigate the deepwater exchange process in this fjord. The purpose of the Saanich Inlet CTD and dissolved oxygen monitoring program was to provide background and calibration data for the current metering program. Reported herein are the CTD and dissolved oxygen data collected during the 32 month duration of the monitoring program.

Observation Program

The CTD survey program was started in April 1976 and was terminated in December 1978. A total of 33 cruises was carried out during this period using, primarily, the survey launch *Squamish*. Profiles of temperature and salinity were obtained at 8 stations up to June 1978, after which a ninth station was added. The latitude and longitude of these stations are listed in Table 1, and they are plotted in Figure 1.

Dissolved oxygen measurements began in January 1977 at only 3 stations (stations #3, #5 and #8), but from August 14, 1978 until the end of the program dissolved oxygen measurements were taken at all 9 stations.

Instrumentation

The instrumentation used to collect the data consisted of 1) a Guildline model 8700 MK II CTD (conductivity, temperature and depth) probe and control console, 2) a programmable data acquisition system - PRODAS - built by McDonald-Detwiler Ltd., 3) a Hewlett-Packard X,Y₁Y₂ plotter and, 4) a winch with seven-conductor cable and slip ring assembly.

The system was designed to be used from a small launch, such as the *Squamish*, and is consequently relatively light weight and portable. The method of operation is straightforward. The CTD probe is lowered and raised through the water column at the rate of 1 m/s. Power for the probe is sent down the cable from the control console. The analogue data signals are sent up the cable (one conductor for each sensor plus a signal ground) through the slip ring assembly to the console and data acquisition system. In the control console the temperature, conductivity and pressure signals are put through an analogue computer to calculate salinity and then fed to the X,Y₁Y₂ plotter for a real time plot of the temperature and salinity profile.

The data acquisition system accepts the probe signals directly then multiplexes (1.2 ms/6 channel scan), digitizes (16 bit A-D converter), and sums the signals for an integral number (usually 15) of 60 Hz power supply cycles. The number of summations, the summation for each sensor and those for the zero and reference voltages are then stored in a buffer, along with header information, and subsequently written onto nine-track ½" tape. A thermal printer is used to display, in real time, a small portion of this data and any error messages relating to the operation of the data acquisition

system. The operation of the data acquisition system relies on a micro-processor which has been programmed to co-ordinate and perform input-output function, summation and diagnostic checks.

Calibration

The manufacturer states an accuracy of $\pm 0.01^{\circ}/\text{oo}$ of equivalent salinity for conductivity, $\pm 0.01^{\circ}\text{C}$ for temperature, and ± 1.25 decibars for pressure. The calibrations of the temperature sensor were checked both in the laboratory and in the field. Temperature calibrations in the laboratory consisted of an ice point determination, and on one occasion a calibration over the range of 5° to 15°C at the Northwest Regional Calibration Center facilities in Bellevue, Washington. In all these calibrations the temperature sensor met the manufacturer's stated accuracy.

The field checks of the temperature and conductivity sensor were obtained by putting a Niskin water sampling bottle with reversing thermometers on the probe cable, one metre above the probe. The probe and bottle were then positioned at a depth where vertical gradients in temperature and salinity were small. After a suitable stabilization period the bottle and thermometer were tripped, and simultaneously, the corresponding data from the data acquisition system were noted. Salinities determined from the bottle sample, and temperature from reversing thermometers were then compared with those calculated from the digital data. Once again the temperature calibrations were acceptable given the $\pm 0.02^{\circ}\text{C}$ accuracy of the reversing thermometers. A stable salinity offset of $0.04^{\circ}/\text{oo}$ (sample standard deviation of $0.01^{\circ}/\text{oo}$ based on over 50 calibration samples) was noted in these calibrations over the 32 month duration of the survey program. In the subsequent processing of the data salinity is corrected by subtracting this offset.

Data Processing

The data processing was done on a Univac 1106 computer at the Institute of Ocean Sciences. The processing consisted of calibration of the raw sensor data, computation of other relevant quantities (i.e. salinity, density and Brunt-Väisälä frequency etc.), documentation, presentation of data (i.e. listings and plots) and storage of processed data on magnetic tape. Only the raw data from the down cast were used. The voltages from the conductivity, temperature and pressure sensors were calibrated, and salinity computed using Bennett's Equation (Bennett 1976) with the offset correction applied. Sigma-t was computed using Knudsen's relation as given by Fofonoff (1962).

All the processed data were written in ASCII format, 800 BPI on nine-track magnetic tape. Preceding the calibrated data records is a header which briefly describes the data. The data presented in this report are available in their complete form on magnetic tape, and anyone wishing to obtain the data should contact the computing staff of the Coastal Zone Oceanography section.

For presentation in this report the data has been listed at selected depths only. The data (and units) listed are as follows: Depth (metres), Pressure (decibars), Salinity ($^{\circ}/\text{oo}$), Temperature ($^{\circ}\text{C}$), Sigma-t ($\{\text{density}-1.0\} \times 10^3$) and Brunt-Väisälä frequency (cycles/hour). The Brunt-Väisälä frequency is computed by taking differences over a 2 m depth interval. If

the calculation indicates a local instability, the calculation is reported over a depth interval of 10 m, and the resulting value is flagged with the symbol "*". Also included in this report are plots of the vertical profiles of temperature and salinity.

Dissolved Oxygen Data

Samples for dissolved oxygen determination were obtained at standard depths using Niskin water sampling bottles. Samples were drawn, pickled and analysed within 24 hours. A modified Winkler titration method (Strickland and Parsons 1965) was used to determine the dissolved oxygen content of the samples. Two titrations were done on each sample giving an accuracy of about ± 0.02 ml/l under ideal laboratory conditions.

The dissolved oxygen data is presented in tabular form separately at the end of each volume, in units of ml/l.

Acknowledgements

The work was carried out by the personnel of Coastal Zone Oceanography section. We would like to acknowledge the assistance and cooperation of the officers and crew of the vessel we have used during this program.

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- Bennett, A. S. (1976) *Conversion of in situ measurements of conductivity to salinity*. Deep Sea Research, 23, 157-165.
- Fofonoff, N. P. (1962) *Physical properties of sea water*. The Sea, Vol. 1, p. 9.
- Strickland, J.D.G. and T. R. Parsons (1965) *A manual of sea water analysis*. Fisheries Research Board of Canada, Bulletin No. 125.

TABLE 1

SAANICH INLET CTD STATIONS

<u>STATION</u>	<u>LATITUDE N</u>	<u>LONGITUDE W</u>
1	48° 31.22'	123° 32.27'
2	48° 33.48'	123° 30.76'
3	48° 35.33'	123° 30.13'
4	48° 37.30'	123° 29.90'
5	48° 39.26'	123° 30.13'
6	48° 41.58'	123° 30.15'
7	48° 43.75'	123° 32.46'
8	48° 43.40'	123° 25.07'
9	48° 43.55'	123° 15.55'

CRUISE NO. 1

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 1 SAANICH INLET 1976

LAT N48 31.22

DATE 27/ 4/76

TIME (PST) 1035

TAPE CZ0/78/ 5- 1

LONG W123 32.27

PASS NO. 3

STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	2.12	9.62	1.48	161.07
2.0	2.0	28.13	9.61	21.69	60.42
5.1	5.1	28.18	9.52	21.74	5.76
10.1	10.1	28.41	9.51	21.93	12.28
15.0	15.1	28.70	9.45	22.16	16.57*
20.1	20.1	29.15	7.92	22.73	16.67
25.0	25.1	29.30	7.57	22.89	12.58
30.0	30.1	29.42	7.44	23.01	6.78*
35.1	35.2	29.50	7.41	23.08	6.65*
40.0	40.2	29.59	7.43	23.14	4.79
45.0	45.2	29.65	7.50	23.18	4.85
50.1	50.2	29.73	7.51	23.24	6.37*
60.0	60.3	29.84	7.56	23.32	5.22*
70.0	70.3	29.96	7.65	23.40	5.49
80.0	80.4	30.13	7.75	23.52	7.06*
90.1	90.4	30.56	8.12	23.80	6.46
100.1	100.5	30.74	8.35	23.91	6.62*
110.0	110.6	31.05	8.70	24.10	6.08*
120.0	120.6	31.16	8.82	24.17	4.05*
130.0	130.6	31.22	8.86	24.21	2.49*
140.0	140.7	31.23	8.88	24.22	1.87*
150.0	150.8	31.24	8.88	24.22	1.56*
160.1	160.9	31.26	8.89	24.23	

MAX DEPTH 167.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 1 SAANICH INLET 1976
 LAT N48 33.48
 DATE 27/ 4/76
 TIME (PST) 1139

TAPE CZ0/78/ 5- 2
 LONG W123 30.76
 PASS NO. 5
 STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.78	9.59	21.43	7.14
2.0	2.0	27.82	9.51	21.47	9.55
5.0	5.0	27.92	9.43	21.55	15.83
10.1	10.1	28.41	9.44	21.94	19.39
15.0	15.1	29.20	7.75	22.79	18.24
20.1	20.1	29.29	7.41	22.91	7.69
25.0	25.1	29.35	7.33	22.96	5.68
30.1	30.2	29.44	7.26	23.04	6.29
35.0	35.2	29.51	7.25	23.10	5.34*
40.0	40.2	29.56	7.25	23.14	5.43
45.1	45.2	29.64	7.31	23.20	5.49
50.1	50.3	29.68	7.33	23.23	5.37*
60.1	60.3	29.80	7.40	23.31	5.76*
70.0	70.3	30.00	7.49	23.46	6.94*
80.1	80.4	30.17	7.62	23.57	8.96
90.1	90.5	30.50	8.00	23.77	8.26
100.1	100.5	30.77	8.30	23.94	6.65*
110.1	110.6	30.98	8.60	24.06	5.10
120.0	120.6	31.16	8.82	24.17	4.96
130.1	130.7	31.22	8.87	24.21	2.08*
140.0	140.7	31.24	8.88	24.22	2.02*
150.0	150.7	31.25	8.89	24.23	1.63*
160.1	160.8	31.27	8.90	24.24	1.48*
170.1	170.9	31.27	8.90	24.25	

MAX DEPTH 175.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 1 SAANICH INLET 1976
 LAT N48 35.33
 DATE 27/ 4/76
 TIME (PST) 1230

TAPE CZ0/78/ 5- 3
 LONG W123 30.13
 PASS NO. 7
 STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.74	9.95	21.34	29.40
2.1	2.1	27.86	9.22	21.55	16.37
5.1	5.1	27.96	9.03	21.65	9.81
10.1	10.1	28.78	8.53	22.35	29.99
15.1	15.1	29.22	7.61	22.83	9.43
20.1	20.2	29.31	7.36	22.93	6.61
25.0	25.1	29.37	7.25	22.99	4.33
30.0	30.1	29.43	7.21	23.04	4.96
35.0	35.1	29.47	7.21	23.08	5.64*
40.0	40.2	29.57	7.26	23.15	5.37
45.0	45.2	29.64	7.33	23.19	6.47
50.0	50.2	29.75	7.38	23.28	7.24
60.0	60.3	29.88	7.45	23.36	6.45*
70.0	70.3	30.03	7.40	23.49	8.75
80.1	80.4	30.23	7.51	23.63	6.59*
90.1	90.5	30.49	7.87	23.78	7.92
100.1	100.5	30.73	8.18	23.93	5.30*
110.1	110.6	30.88	8.44	24.01	6.32*
120.2	120.7	31.14	8.81	24.15	5.67
130.2	130.8	31.21	8.89	24.20	3.18*
140.0	140.7	31.24	8.89	24.22	2.22*
150.1	150.8	31.25	8.89	24.23	1.52*
160.1	160.8	31.26	8.91	24.23	
170.1	170.9	31.27	8.91	24.24	

MAX DEPTH 171.7

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 1 SAANICH INLET 1976

LAT N48 37.30

DATE 27/ 4/76

TIME (PST) 1329

TAPE CZ0/78/ 5- 4

LONG W123 29.90

PASS NO. 9

STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.13	10.30	21.58	32.85
2.0	2.0	28.26	8.82	21.91	15.71
5.0	5.0	28.43	8.62	22.07	12.41
10.0	10.0	28.69	8.37	22.31	16.66*
15.1	15.1	29.23	7.72	22.82	11.56
20.0	20.1	29.29	7.44	22.90	8.45
25.1	25.2	29.37	7.44	22.97	4.19
30.1	30.2	29.39	7.40	22.99	5.20*
35.1	35.2	29.43	7.19	23.05	7.74
40.1	40.3	29.55	7.19	23.14	7.58
45.0	45.2	29.67	7.38	23.21	6.16*
50.0	50.2	29.73	7.39	23.25	5.89*
60.1	60.3	29.90	7.48	23.38	6.59
70.0	70.3	30.04	7.59	23.47	6.04*
80.1	80.4	30.20	7.49	23.61	9.22
90.1	90.5	30.51	7.84	23.81	6.53
100.0	100.5	30.73	8.13	23.94	8.04*
110.1	110.6	30.92	8.48	24.04	8.37
120.1	120.6	31.13	8.81	24.15	4.65
130.0	130.7	31.21	8.89	24.20	3.01*
140.0	140.7	31.25	8.91	24.23	2.09*
150.1	150.8	31.26	8.91	24.23	1.69*
160.1	160.8	31.27	8.91	24.24	1.23*
170.1	170.9	31.27	8.92	24.24	1.38*
180.1	180.9	31.28	8.92	24.25	1.31*
190.1	191.0	31.28	8.92	24.25	1.07*
200.1	201.1	31.29	8.92	24.25	
210.0	211.0	31.29	8.92	24.25	

MAX DEPTH 211.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 1 SAANICH INLET 1976
 LAT N48 39.26
 DATE 27/ 4/76
 TIME (PST) 1353

TAPE CZ0/78/ 5- 5
 LONG W123 30.13
 PASS NO. 11
 STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.46	9.25	22.00	15.57
2.0	2.0	28.58	9.32	22.09	10.80
5.0	5.0	28.63	8.99	22.18	7.46
10.0	10.0	29.03	8.33	22.58	13.62*
15.0	15.1	29.18	7.82	22.77	12.56
20.0	20.1	29.30	7.42	22.92	6.11
25.2	25.2	29.34	7.31	22.96	4.59
30.1	30.2	29.40	7.30	23.01	4.92*
35.1	35.3	29.43	7.31	23.03	8.49
40.0	40.2	29.53	7.47	23.08	8.31*
45.0	45.2	29.62	7.53	23.15	6.18
50.0	50.2	29.73	7.57	23.23	6.05
60.0	60.3	29.88	7.60	23.35	8.23
70.1	70.4	30.05	7.59	23.48	7.20*
80.1	80.4	30.21	7.43	23.63	9.30
90.0	90.4	30.50	7.75	23.81	5.66*
100.0	100.5	30.67	8.03	23.90	6.95
110.1	110.6	30.88	8.45	24.00	5.54
120.1	120.6	31.09	8.77	24.12	6.70*
130.1	130.7	31.19	8.88	24.19	4.35
140.0	140.7	31.24	8.90	24.22	2.63*
150.1	150.8	31.26	8.91	24.23	2.13*
160.0	160.8	31.26	8.91	24.24	
170.0	170.8	31.28	8.91	24.25	+

MAX DEPTH 171.8

CRUISE NO. 1 SAANICH INLET 1976
 LAT N48 41.58
 DATE 27/ 4/76
 TIME (PST) 1445

TAPE CZ0/78/ 5- 6
 LONG W123 30.15
 PASS NO. 13
 STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.22	8.86	22.65	8.00*
2.0	2.0	29.23	8.74	22.68	7.42*
5.1	5.2	29.24	8.42	22.73	6.46*
10.0	10.0	29.25	8.21	22.77	5.25
15.0	15.1	29.26	8.09	22.79	4.66
20.0	20.1	29.32	7.85	22.87	6.19
25.0	25.1	29.35	7.77	22.91	6.78
30.1	30.2	29.39	7.80	22.94	4.45*
35.1	35.2	29.39	7.71	22.95	11.26
40.1	40.2	29.51	7.39	23.08	6.85
45.0	45.2	29.59	7.51	23.13	4.68*
50.0	50.2	29.61	7.55	23.14	5.21*
60.1	60.3	29.92	7.62	23.37	10.37*
70.1	70.4	30.24	7.67	23.61	7.20*

MAX DEPTH 73.2

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 1 SAANICH INLET 1976

LAT N48 43.75

DATE 28/ 4/76

TIME (PST) 0901

TAPE CZ0/78/ 5- 7

LONG W123 32.46

PASS NO. 1

STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	22.05	8.91	17.07	155.64
2.0	2.0	29.18	8.26	22.70	56.67
5.1	5.1	29.20	8.26	22.72	4.32*
10.1	10.1	29.21	8.25	22.73	2.51
15.0	15.1	29.21	8.25	22.73	8.38
20.0	20.1	29.31	8.14	22.83	8.14
25.1	25.2	29.44	8.01	22.95	4.86
30.1	30.2	29.45	8.00	22.95	3.31*
35.0	35.1	29.47	7.97	22.98	2.98*
40.0	40.2	29.49	7.93	23.00	2.96*
45.1	45.2	29.50	7.89	23.01	3.96*
50.1	50.3	29.52	7.86	23.03	5.23*
60.0	60.3	29.77	7.70	23.24	8.27
70.0	70.3	29.89	7.70	23.34	5.94*
80.1	80.4	30.03	7.71	23.45	4.30*
90.0	90.4	30.07	7.71	23.48	5.71
100.0	100.4	30.11	7.71	23.51	

MAX DEPTH 102.0

CRUISE NO. 1 SAANICH INLET 1976

LAT N48 43.40

DATE 28/ 4/76

TIME (PST) 0933

TAPE CZ0/78/ 5- 8

LONG W123 25.07

PASS NO. 3

STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.85	8.54	22.41	16.46
2.0	2.1	28.94	8.31	22.51	10.70
5.1	5.2	28.99	8.26	22.56	5.44
10.1	10.1	29.02	8.25	22.58	4.72*
15.0	15.1	29.08	8.25	22.63	5.51*
20.1	20.2	29.12	8.26	22.66	6.68*
25.0	25.1	29.26	8.21	22.78	6.22
30.1	30.2	29.39	8.04	22.91	9.72
35.0	35.2	29.53	7.69	23.06	11.15
40.1	40.2	29.65	7.57	23.17	7.82
45.0	45.2	29.75	7.65	23.24	6.92
50.1	50.3	29.90	7.70	23.34	8.77*
60.0	60.3	30.16	7.78	23.54	7.33
70.0	70.3	30.27	7.76	23.63	6.70
80.1	80.4	30.59	7.69	23.89	7.53*

MAX DEPTH 88.8

CRUISE NO. 2

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 2 SAANICH INLET 1976

LAT N48 31.22

DATE 7/ 6/76

TIME (PST) 0938

TAPE CZ0/78/ 5- 9

LONG W123 32.27

PASS NO. 1

STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	27.64	13.07	20.88	18.03
2.1	2.1	28.14	12.88	21.15	22.55
5.1	5.1	28.62	11.32	21.79	31.40
10.0	10.0	29.01	9.25	22.43	11.67
15.1	15.2	29.13	8.74	22.60	8.27
20.1	20.1	29.18	8.47	22.68	7.07*
25.0	25.1	29.22	8.23	22.74	7.00*
30.1	30.2	29.26	8.05	22.80	7.23*
35.1	35.2	29.33	7.87	22.88	9.30
40.1	40.2	29.49	7.63	23.03	10.47
45.0	45.2	29.71	7.56	23.22	4.87
50.1	50.3	29.79	7.57	23.28	6.90*
60.0	60.3	30.14	7.70	23.53	10.46
70.0	70.3	30.32	7.85	23.65	6.69
80.0	80.4	30.51	8.02	23.78	4.35*
90.1	90.5	30.61	8.12	23.84	4.88*
100.2	100.6	30.70	8.24	23.90	5.15*
110.1	110.6	30.87	8.44	24.00	6.24
120.1	120.7	31.04	8.64	24.11	5.45*
130.1	130.7	31.13	8.74	24.16	3.93
140.1	140.8	31.21	8.83	24.21	3.11*
150.0	150.7	31.24	8.87	24.22	
160.1	160.8	31.25	8.89	24.23	

MAX DEPTH 160.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 SAANICH INLET 1976
 LAT N48 33.48
 DATE 7/ 6/76
 TIME (PST) 0959

TAPE CZO/78/ 5- 10
 LONG W123 30.76
 PASS NO. 3
 STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	28.33	14.42	21.00	+
2.1	2.1	28.30	13.62	21.13	18.79
5.1	5.1	28.73	10.43	22.03	24.61
10.1	10.1	29.03	9.64	22.39	11.85
15.0	15.1	29.18	9.30	22.56	11.18
20.0	20.1	29.26	8.96	22.67	4.86
25.1	25.2	29.25	8.73	22.69	6.05*
30.1	30.2	29.23	8.26	22.74	7.48
35.0	35.1	29.29	7.91	22.84	8.50
40.1	40.3	29.35	7.72	22.91	5.50
45.0	45.2	29.48	7.54	23.04	5.74
50.1	50.2	29.65	7.53	23.17	8.60
60.0	60.3	29.99	7.62	23.43	7.37
70.1	70.4	30.41	7.85	23.72	8.57
80.1	80.4	30.55	8.02	23.81	4.79*
90.2	90.6	30.67	8.11	23.90	4.54*
100.2	100.6	30.78	8.27	23.96	4.68
110.1	110.6	30.96	8.51	24.06	7.92*
120.0	120.6	31.08	8.70	24.12	5.12
130.0	130.7	31.19	8.84	24.19	3.55*
140.1	140.7	31.22	8.87	24.21	2.23*
150.0	150.7	31.25	8.89	24.23	2.28*
160.1	160.8	31.26	8.90	24.24	1.65*
170.1	171.0	31.26	8.90	24.24	1.14*
180.1	181.0	31.27	8.91	24.24	1.26*
190.0	190.9	31.27	8.91	24.25	1.10*
200.1	201.0	31.28	8.92	24.25	1.08*
210.1	211.1	31.28	8.92	24.25	

MAX DEPTH 214.6

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 2 SAANICH INLET 1976

LAT N48 35.33

DATE 7/ 6/76

TIME (PST) 1018

TAPE CZ0/78/ 5- 11

LONG W123 30.13

PASS NO. 5

STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.06	13.84	20.90	10.63
2.0	2.0	28.14	13.40	21.05	17.73
5.1	5.1	28.47	11.62	21.63	33.45
10.0	10.0	28.90	9.77	22.27	14.28*
15.0	15.1	29.11	9.44	22.48	9.86
20.1	20.1	29.27	9.27	22.63	10.16
25.1	25.2	29.33	8.95	22.72	8.06*
30.1	30.2	29.28	8.68	22.72	12.06
35.0	35.1	29.30	7.93	22.85	14.98*
40.1	40.2	29.36	7.73	22.92	8.19
45.1	45.2	29.53	7.63	23.07	13.43
50.1	50.3	29.74	7.77	23.21	7.36
60.1	60.3	30.09	7.93	23.47	10.01
70.2	70.5	30.32	8.13	23.62	7.41*
80.0	80.4	30.50	8.07	23.77	5.48*
90.1	90.5	30.61	8.08	23.85	5.93
100.1	100.5	30.70	8.16	23.91	3.81
110.1	110.6	30.81	8.29	23.97	4.72
120.1	120.7	31.01	8.60	24.09	5.48
130.1	130.7	31.15	8.81	24.17	4.63*
140.0	140.7	31.22	8.88	24.20	3.97*
150.1	150.8	31.24	8.89	24.22	1.99*
160.1	160.8	31.25	8.90	24.23	1.51*
170.0	170.9	31.26	8.91	24.23	1.42*
180.1	180.9	31.27	8.91	24.24	1.30*
190.1	191.0	31.28	8.92	24.25	1.25*
200.1	201.0	31.28	8.92	24.25	1.22*
210.1	211.1	31.29	8.92	24.25	1.22*
220.0	221.1	31.29	8.93	24.26	

MAX DEPTH 225.1

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 2 SAANICH INLET 1976

LAT N48 37.30

DATE 7/ 6/76

TIME (PST) 1224

TAPE CZ0/78/ 5- 12

LONG W123 29.90

PASS NO. 7

STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	27.81	14.37	20.60	14.82
2.0	2.0	27.49	11.40	20.91	26.38
5.0	5.0	28.37	10.42	21.75	18.03
10.0	10.0	28.80	9.78	22.19	17.22
15.1	15.2	29.10	9.37	22.48	8.12
20.1	20.1	29.20	9.35	22.56	6.31
25.0	25.1	29.38	9.10	22.74	4.77
30.1	30.2	29.44	8.86	22.82	7.88
35.1	35.2	29.43	8.49	22.87	7.70*
40.1	40.2	29.44	7.76	22.98	8.13
45.1	45.3	29.53	7.56	23.08	5.18
50.1	50.3	29.59	7.75	23.09	11.55*
60.0	60.3	30.28	8.14	23.58	9.81*
70.0	70.3	30.37	8.15	23.65	8.77
80.0	80.4	30.54	8.03	23.80	5.53*
90.1	90.5	30.66	8.11	23.89	5.33
100.1	100.5	30.77	8.24	23.95	6.07*
110.0	110.5	30.96	8.51	24.06	7.07*
120.0	120.6	31.10	8.75	24.13	5.34
130.1	130.7	31.18	8.85	24.18	3.38*
140.1	140.7	31.22	8.88	24.21	2.52*
150.0	150.7	31.24	8.90	24.22	2.03*
160.1	160.9	31.26	8.91	24.23	1.75*
170.0	170.9	31.27	8.92	24.24	1.38*
180.1	181.0	31.27	8.92	24.24	1.25*
190.1	191.0	31.27	8.92	24.25	1.14*
200.1	201.1	31.28	8.92	24.25	1.22*
210.1	211.1	31.28	8.92	24.25	+

MAX DEPTH 210.2

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 2 SAANICH INLET 1976

LAT N48 39.20

DATE 7/ 6/76

TIME (PST) 1242

TAPE CZ0/78/ 5- 13

LONG W123 30.13

PASS NO. 9

STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.86	15.54	20.40	37.74
2.0	2.0	27.84	12.66	20.96	27.53
5.1	5.1	28.24	11.53	21.47	25.27
10.0	10.1	28.97	9.70	22.33	16.11
15.0	15.1	29.17	9.39	22.53	7.55
20.0	20.1	29.29	8.48	22.76	14.20
25.0	25.1	29.42	8.61	22.85	8.18*
30.0	30.1	29.49	8.61	22.90	6.42
35.0	35.1	29.54	8.35	22.98	15.95
40.1	40.2	29.68	8.40	23.07	8.16*
45.1	45.3	29.73	8.28	23.13	7.17*
50.1	50.3	29.87	8.48	23.22	8.10*
60.1	60.3	30.11	8.27	23.43	9.84
70.1	70.4	30.31	8.24	23.59	8.60*
80.0	80.4	30.53	8.22	23.77	5.58
90.0	90.4	30.59	8.14	23.82	6.20
100.2	100.6	30.74	8.20	23.94	5.48*
110.1	110.6	30.87	8.42	24.01	3.63*
120.1	120.6	30.94	8.51	24.05	6.11*
130.1	130.7	31.07	8.71	24.12	5.31
140.1	140.7	31.19	8.86	24.19	3.90*
150.0	150.7	31.24	8.91	24.22	2.15*
160.1	160.8	31.26	8.91	24.24	1.69*
170.0	170.8	31.27	8.91	24.24	1.38*
180.0	180.9	31.27	8.92	24.24	.93*

MAX DEPTH 186.4

CRUISE NO. 2 SAANICH INLET 1976

LAT N48 41.58

DATE 7/ 6/76

TIME (PST) 1329

TAPE CZ0/78/ 5- 14

LONG W123 30.15

PASS NO. 11

STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.18	10.43	20.83	28.18
2.0	2.0	27.69	9.95	21.30	26.13
5.1	5.1	28.11	9.86	21.64	13.26
10.0	10.1	28.82	9.52	22.24	11.07*
15.0	15.1	28.85	9.42	22.28	4.27*
20.1	20.1	28.86	9.41	22.29	7.30*
25.1	25.2	29.03	9.42	22.42	10.49*
30.1	30.2	29.33	9.21	22.68	10.40
35.1	35.3	29.48	9.03	22.83	4.53
40.0	40.2	29.51	8.99	22.86	5.88*
45.1	45.2	29.57	8.91	22.92	7.97
50.1	50.2	29.66	8.77	23.01	7.14
60.0	60.3	30.01	8.45	23.33	8.80
70.6	70.9	30.47	8.25	23.71	8.73

MAX DEPTH 71.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 2 SAANICH INLET 1976
 LAT N48 43.75
 DATE 7/ 6/76
 TIME (PST) 1345

TAPE CZ0/78/ 5- 15
 LONG W123 32.46
 PASS NO. 13
 STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	26.15	12.01	19.77	60.04
2.1	2.1	27.24	10.67	20.84	29.83
5.1	5.1	27.47	10.63	21.02	10.15
10.0	10.0	27.83	10.43	21.33	17.84*
15.0	15.1	26.59	9.94	22.00	16.09
20.0	20.1	28.77	9.83	22.15	16.77
25.0	25.1	29.42	9.15	22.77	12.69
30.1	30.2	29.71	8.86	23.03	11.36
35.1	35.3	29.78	8.78	23.10	5.00
40.1	40.2	29.82	8.73	23.14	6.20*
45.1	45.3	29.91	8.59	23.23	7.11
50.1	50.3	30.04	8.54	23.34	8.97
60.0	60.3	30.26	8.33	23.54	8.91
70.0	70.3	30.33	8.29	23.60	+
80.1	80.4	30.35	8.29	23.62	3.11*
90.1	90.5	30.39	8.28	23.64	2.82
100.1	100.5	30.40	8.27	23.66	2.98*
110.0	110.5	30.44	8.26	23.69	+

MAX DEPTH 112.8

CRUISE NO. 2 SAANICH INLET 1976
 LAT N48 43.40
 DATE 7/ 6/76
 TIME (PST) 1414

TAPE CZ0/78/ 5- 16
 LONG W123 25.07
 PASS NO. 15
 STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	25.92	10.91	19.78	40.29
2.1	2.1	26.77	10.39	20.52	31.64
5.1	5.1	27.62	9.72	21.28	24.93
10.1	10.1	27.92	9.54	21.54	7.68*
15.1	15.1	27.97	9.50	21.59	13.43*
20.1	20.1	28.55	9.29	22.07	12.52
25.0	25.1	29.16	9.07	22.57	15.39
30.1	30.2	29.26	9.04	22.66	8.66
35.0	35.1	29.42	8.99	22.79	10.90*
40.1	40.2	29.61	8.84	22.96	10.20
45.0	45.2	29.82	8.68	23.15	7.87
50.0	50.2	30.08	8.48	23.38	9.97
60.1	60.4	30.31	8.36	23.57	5.48*
70.1	70.4	30.44	8.33	23.68	6.03*
80.0	80.4	30.57	8.33	23.78	7.03
90.0	90.4	30.74	8.30	23.92	

MAX DEPTH 91.5

CRUISE NO. 3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 SAANICH INLET 1976
 LAT N48 31.22
 DATE 12/ 7/76
 TIME (PST) 1035

TAPE CZ0/78/ 5- 17
 LONG W123 32.27
 PASS NO. 1
 STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	31.61	13.03	23.80	30.17
2.0	2.0	32.15	12.47	24.31	30.99
5.1	5.1	32.61	11.12	24.92	28.45
10.1	10.1	29.83	10.19	22.92	+
15.1	15.1	29.05	9.58	22.42	13.54
20.1	20.1	29.19	9.41	22.55	8.67*
25.0	25.1	29.23	9.19	22.61	7.51*
30.1	30.2	29.30	8.92	22.71	8.02
35.1	35.2	29.35	8.75	22.77	7.99*
40.1	40.2	29.46	8.47	22.90	8.87
45.1	45.3	29.61	8.24	23.04	6.35
50.1	50.2	29.71	8.10	23.15	6.46
60.0	60.3	30.01	8.03	23.39	10.10
70.0	70.3	30.32	8.05	23.63	5.02*
80.1	80.4	30.54	8.14	23.79	6.32
90.0	90.4	30.71	8.27	23.90	3.97
100.0	100.5	30.75	8.31	23.93	2.47*
110.1	110.6	30.79	8.35	23.95	2.15*
120.1	120.7	30.81	8.38	23.96	2.75*
130.1	130.7	30.84	8.41	23.98	3.18*
140.0	140.7	30.91	8.49	24.03	3.54*
150.1	150.8	30.96	8.55	24.05	

MAX DEPTH 153.9

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 3 SAANICH INLET 1976

LAT N48 33.48

DATE 12/ 7/76

TIME (PST) 1054

TAPE CZ0/78/ 5- 18

LONG W123 30.76

PASS NO. 3

STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.39	13.88	21.15	.80
2.1	2.1	28.43	12.90	21.37	15.10
5.0	5.0	28.71	11.04	21.92	24.85
10.0	10.1	29.05	10.21	22.31	12.87
15.1	15.1	29.16	9.60	22.50	11.37
20.1	20.2	29.24	9.23	22.61	8.70*
25.0	25.1	29.27	9.11	22.65	6.72
30.1	30.2	29.37	8.82	22.78	9.39
35.1	35.2	29.45	8.47	22.89	10.16*
40.1	40.2	29.61	8.37	23.03	8.25
45.1	45.2	29.75	8.39	23.13	8.62
50.1	50.2	29.84	8.34	23.21	5.80
60.0	60.3	30.02	8.27	23.36	8.04
70.1	70.4	30.30	8.21	23.59	9.59
80.1	80.5	30.56	8.18	23.80	8.66
90.0	90.4	30.69	8.25	23.89	5.43*
100.0	100.5	30.82	8.37	23.97	4.40*
110.1	110.6	30.93	8.49	24.04	4.29*
120.2	120.7	31.05	8.61	24.12	7.39*
130.0	130.6	31.15	8.73	24.17	5.05
140.1	140.7	31.21	8.85	24.21	2.42*
150.0	150.7	31.22	8.86	24.21	1.46*
160.1	160.8	31.25	8.89	24.23	1.32*
170.1	170.9	31.25	8.89	24.23	1.00*
180.1	180.9	31.25	8.90	24.23	1.23*
190.0	191.0	31.26	8.90	24.24	1.06*
200.1	201.0	31.26	8.91	24.24	

MAX DEPTH 209.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 SAANICH INLET 1976
 LAT N48 35.33
 DATE 12/ 7/76
 TIME (PST) 1112

TAPE CZ0/78/ 5- 19
 LONG W123 30.13
 PASS NO. 5
 STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.38	14.01	22.65	+
2.1	2.1	28.60	13.76	21.33	1.86
5.0	5.0	28.67	11.03	21.88	+
10.0	10.0	28.95	10.45	22.20	9.32
15.0	15.1	29.15	9.68	22.48	9.07
20.1	20.1	29.23	9.48	22.57	9.93
25.0	25.1	29.31	9.07	22.69	4.82
30.1	30.2	29.38	8.69	22.81	9.60*
35.1	35.2	29.50	8.91	22.87	7.71*
40.1	40.3	29.64	8.60	23.02	7.26
45.1	45.3	29.74	8.60	23.10	7.64*
50.1	50.2	29.90	8.87	23.18	7.68*
60.1	60.4	30.10	8.61	23.38	8.12*
70.1	70.4	30.33	8.29	23.60	8.32
80.1	80.4	30.59	8.17	23.82	7.15
90.0	90.4	30.74	8.28	23.92	4.42
100.0	100.5	30.82	8.37	23.97	4.43
110.1	110.6	30.94	8.47	24.05	5.39*
120.0	120.6	31.08	8.66	24.13	6.10*
130.1	130.7	31.18	8.81	24.19	3.74*
140.0	140.7	31.22	8.86	24.21	2.69*
150.0	150.7	31.24	8.87	24.22	1.72*
160.1	160.8	31.24	8.88	24.23	1.51*
170.1	170.9	31.26	8.90	24.24	1.40*
180.0	180.9	31.26	8.90	24.24	1.09*
190.0	190.9	31.27	8.91	24.24	1.22*
200.1	201.1	31.27	8.92	24.24	1.19*
210.1	211.1	31.28	8.92	24.25	1.15*
220.0	221.1	31.28	8.92	24.25	

MAX DEPTH 225.5

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 3 SAANICH INLET 1976

LAT N48 37.30

DATE 12/ 7/76

TIME (PST) 1227

TAPE C20/78/ 5- 20

LONG W123 29.00

PASS NO. 7

STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.87	14.31	21.43	27.56
2.1	2.1	28.57	13.99	21.26	7.59*
5.1	5.1	28.57	13.11	21.44	19.05
10.0	10.0	29.04	10.26	22.30	10.54
15.1	15.1	29.08	9.95	22.38	12.37
20.1	20.1	29.26	9.68	22.56	10.38*
25.0	25.1	29.34	9.54	22.64	7.33
30.1	30.2	29.41	9.25	22.75	9.47*
35.0	35.1	29.48	9.10	22.82	8.34*
40.0	40.2	29.58	8.97	22.92	9.50
45.2	45.4	29.74	9.08	23.03	9.23*
50.2	50.4	29.91	9.26	23.13	8.02
60.1	60.3	30.11	8.94	23.34	6.22
70.2	70.5	30.48	8.17	23.74	9.00
80.1	80.4	30.66	8.28	23.86	5.70*
90.1	90.5	30.77	8.32	23.94	4.04*
100.1	100.6	30.82	8.36	23.97	3.54*
110.1	110.6	30.89	8.44	24.02	3.76*
120.1	120.7	30.95	8.51	24.05	4.58
130.1	130.7	31.08	8.67	24.13	4.44*
140.0	140.7	31.17	8.79	24.18	3.96*
150.1	150.8	31.22	8.87	24.21	2.23*
160.0	160.8	31.24	8.89	24.22	1.79*
170.1	170.9	31.25	8.90	24.23	1.77*
180.0	180.9	31.26	8.91	24.23	1.35*
190.0	190.9	31.27	8.91	24.24	1.19*
200.1	201.0	31.27	8.92	24.24	.93*
210.0	211.0	31.27	8.92	24.24	+

MAX DEPTH 213.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 3 SAANICH INLET 1976
 LAT N48 39.26
 DATE 12/ 7/76
 TIME (PST) 1302

TAPE CZ0/78/ 5- 21
 LONG W123 30.13
 PASS NO. 9
 STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.47	14.49	21.09	11.62
2.1	2.1	28.47	13.98	21.19	12.05
5.0	5.0	28.46	13.56	21.26	4.99
10.0	10.0	28.82	10.87	22.03	16.14*
15.0	15.1	28.98	10.47	22.22	16.44
20.1	20.1	29.24	9.92	22.51	10.09
25.0	25.1	29.34	9.63	22.63	7.49
30.2	30.2	29.43	9.39	22.74	6.21*
35.0	35.1	29.47	9.15	22.81	9.42
40.1	40.3	29.68	9.42	22.93	10.80
45.7	45.9	29.52	9.54	22.78	8.11
50.0	50.2	30.00	9.11	23.22	6.97
60.0	60.3	30.22	8.96	23.41	7.82
70.0	70.3	30.51	8.80	23.67	10.92
80.0	80.4	30.67	8.48	23.84	7.28
90.1	90.5	30.73	8.32	23.91	4.23*
100.1	100.6	30.79	8.34	23.95	4.68*
110.2	110.7	30.90	8.44	24.03	4.65*
120.0	120.6	31.01	8.57	24.09	6.35*
130.1	130.7	31.13	8.73	24.16	4.03*
140.0	140.7	31.19	8.83	24.19	2.78*
150.0	150.7	31.21	8.86	24.21	2.45*
160.1	160.8	31.24	8.89	24.22	2.09*
170.1	170.9	31.25	8.90	24.23	1.13*
180.0	180.9	31.25	8.90	24.23	1.23*

MAX DEPTH 184.1

CRUISE NO. 3 SAANICH INLET 1976
 LAT N48 41.58
 DATE 12/ 7/76
 TIME (PST) 1328

TAPE CZ0/78/ 5- 22
 LONG W123 30.15
 PASS NO. 11
 STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.41	11.78	21.55	26.39*
2.1	2.1	28.51	11.69	21.65	6.31*
5.1	5.2	28.86	10.76	22.08	19.63*
10.9	10.9	29.19	10.29	22.41	12.87*
15.1	15.2	29.24	10.21	22.46	6.12*
20.0	20.1	29.30	10.08	22.53	8.87
25.0	25.1	29.46	9.73	22.71	13.24
30.2	30.3	29.66	9.62	22.88	9.47
35.1	35.3	29.76	9.49	22.98	6.11*
40.0	40.2	29.84	9.44	23.05	7.25*
45.1	45.3	29.95	9.27	23.16	7.51*
50.1	50.2	30.07	9.18	23.26	7.85*
60.0	60.3	30.21	9.16	23.38	9.04

MAX DEPTH 69.6

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 3 SAANICH INLET 1976

LAT N48 43.75

DATE 12/ 7/76

TIME (PST) 1349

TAPE CZ0/78/ 5- 23

LONG W123 32.46

PASS NO. 13

STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	25.73	13.04	19.26	121.98
2.0	2.0	28.52	11.18	21.75	20.94
5.0	5.0	29.15	10.42	22.36	20.90
10.0	10.0	29.33	10.13	22.54	6.39*
15.1	15.1	29.40	10.03	22.61	8.29
20.1	20.2	29.55	9.79	22.77	7.65
25.0	25.1	29.58	9.74	22.80	9.04*
30.0	30.1	29.78	9.56	22.99	6.75*
35.1	35.2	29.80	9.56	23.00	3.53*
40.1	40.2	29.82	9.55	23.01	5.20
45.0	45.2	29.92	9.41	23.12	10.56
50.1	50.3	30.11	9.23	23.29	10.35
60.0	60.3	30.24	9.06	23.42	3.74*
70.1	70.4	30.28	9.00	23.46	2.21*
80.2	80.5	30.28	8.99	23.46	2.55*
90.0	90.4	30.30	8.96	23.48	+

MAX DEPTH 96.7

CRUISE NO. 3 SAANICH INLET 1976

LAT N48 43.40

DATE 12/ 7/76

TIME (PST) 1424

TAPE CZ0/78/ 5- 24

LONG W123 25.07

PASS NO. 15

STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.40	10.50	22.54	17.25*
2.1	2.1	29.47	10.25	22.64	13.70*
5.0	5.0	29.48	10.22	22.64	8.38*
10.1	10.1	29.51	10.12	22.69	5.85
15.1	15.1	29.64	9.90	22.82	9.96
20.1	20.1	29.64	9.90	22.82	6.36*
25.0	25.1	29.70	9.66	22.90	4.61
30.1	30.3	29.80	9.67	22.98	10.16*
35.2	35.3	29.94	9.60	23.10	7.41*
40.0	40.2	29.96	9.58	23.12	5.52*
45.0	45.2	29.93	9.61	23.09	3.63*
50.2	50.4	29.98	9.56	23.14	3.63*
60.1	60.3	30.04	9.52	23.19	6.48
70.1	70.3	30.11	9.43	23.26	4.23*
80.1	80.4	30.16	9.35	23.31	5.93*
90.1	90.4	30.54	9.05	23.66	12.19
101.6	102.0	30.74	8.95	23.83	+

MAX DEPTH 101.6

CRUISE NO. 4

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 4 SAANICH INLET 1976

LAT N48 31.22

DATE 31/ 8/76

TIME (PST) 0925

TAPE CZ0/78/ 5- 25

LONG W123 32.27

PASS NO. 1

STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.10	15.44	20.61	8.86
2.1	2.1	28.21	15.10	20.76	15.95
5.0	5.0	28.37	13.93	21.13	17.77
10.1	10.1	28.63	12.25	21.64	9.61
15.2	15.2	28.69	11.78	21.77	11.95
20.0	20.1	28.81	11.33	21.94	12.10
25.1	25.2	29.02	10.59	22.23	9.10
30.2	30.3	29.15	10.22	22.39	10.84
35.3	35.4	29.28	9.90	22.54	6.30
40.2	40.4	29.35	9.72	22.62	5.34
45.2	45.3	29.47	9.46	22.76	8.78
50.3	50.4	29.66	9.13	22.96	10.32
60.3	60.5	29.82	8.93	23.11	8.80
70.2	70.5	30.07	8.70	23.34	11.02
80.1	80.5	30.55	8.46	23.75	11.90
90.0	90.4	30.80	8.46	23.94	5.80*
100.1	100.5	30.91	8.52	24.02	4.41*
110.0	110.5	30.93	8.55	24.03	3.32*
120.2	120.8	30.97	8.59	24.06	2.44*
130.1	130.7	31.01	8.63	24.08	3.11*
140.1	140.8	31.04	8.66	24.10	1.34*
150.1	150.8	31.07	8.69	24.12	

MAX DEPTH 150.2

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 4 SAANICH INLET 1976

LAT N48 33.48

DATE 31/ 8/76

TIME (PST) 0947

TAPE CZ0/78/ 5- 26

LONG W123 30.76

PASS NO. 3

STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.30	15.58	20.73	15.93
2.1	2.1	28.24	14.30	20.95	19.37
5.1	5.1	28.48	12.37	21.50	16.90
10.2	10.2	28.62	11.78	21.72	11.92
15.3	15.3	28.77	11.17	21.94	16.19
20.1	20.2	28.89	10.85	22.09	14.26
25.2	25.3	29.05	10.35	22.29	9.43
30.0	30.1	29.21	10.12	22.45	8.85
35.1	35.2	29.30	9.89	22.55	7.86
40.0	40.2	29.37	9.80	22.62	9.34
45.2	45.4	29.48	9.49	22.76	12.71
50.1	50.3	29.63	9.29	22.90	5.93*
60.2	60.5	29.91	9.13	23.15	6.63
70.3	70.5	30.36	8.50	23.59	14.96
80.2	80.6	30.74	8.45	23.90	7.28*
90.2	90.6	30.85	8.49	23.98	4.87*
100.1	100.5	30.92	8.55	24.03	4.07*
110.2	110.7	30.99	8.59	24.07	3.55*
120.2	120.7	31.05	8.65	24.11	3.09*
130.3	130.9	31.10	8.71	24.14	4.96*
140.0	140.7	31.14	8.76	24.16	2.54*
150.1	150.8	31.18	8.80	24.19	4.66
160.1	160.8	31.22	8.85	24.21	1.83*
170.0	170.8	31.22	8.86	24.21	1.04*
180.2	181.1	31.23	8.87	24.22	1.48*
190.0	190.9	31.24	8.88	24.22	1.33*
200.2	201.1	31.25	8.89	24.23	
210.0	211.0	31.25	8.89	24.23	

MAX DEPTH 212.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 4 SAANICH INLET 1976
 LAT N48 35.33
 DATE 31/ 8/76
 TIME (PST) 1005

TAPE CZ0/78/ 5- 27
 LONG W123 30.13
 PASS NO. 5
 STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.08	15.79	20.52	26.38
2.1	2.1	28.24	14.90	20.83	18.28
5.2	5.2	28.25	13.40	21.13	21.52
10.2	10.2	28.50	11.79	21.62	14.14
15.1	15.1	28.66	11.52	21.79	10.17
20.2	20.3	28.77	11.21	21.93	7.15
25.3	25.4	28.95	10.70	22.16	15.12
30.1	30.2	29.13	10.43	22.34	7.19
35.0	35.1	29.22	10.06	22.47	9.25
40.3	40.4	29.33	9.79	22.60	8.76
45.2	45.4	29.43	9.55	22.72	9.60
50.1	50.3	29.62	9.39	22.88	6.95
60.2	60.4	29.99	8.93	23.24	10.63*
70.1	70.4	30.36	8.62	23.57	13.63
80.2	80.6	30.79	8.48	23.93	5.04
90.3	90.7	30.90	8.53	24.01	4.64*
100.2	100.7	30.98	8.61	24.06	3.74*
110.2	110.7	31.05	8.67	24.11	3.91*
120.3	120.9	31.10	8.70	24.14	2.89*
130.1	130.7	31.12	8.73	24.16	2.50*
140.0	140.7	31.17	8.77	24.18	2.98*
150.3	151.0	31.21	8.83	24.21	2.28*
160.3	161.0	31.22	8.85	24.21	1.43*
170.2	171.0	31.23	8.86	24.22	1.21*
180.1	180.9	31.24	8.87	24.22	1.25*
190.1	191.0	31.24	8.88	24.23	1.19*
200.2	201.2	31.25	8.89	24.23	1.09*
210.1	211.1	31.26	8.90	24.23	1.19*
220.1	221.1	31.26	8.90	24.24	

MAX DEPTH 225.1

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 4 SAANICH INLET 1976

LAT N48 37.30

DATE 31/ 8/76

TIME (PST) 1059

TAPE CZ0/78/ 5- 28

LONG W123 29.90

PASS NO. 7

STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.26	16.31	20.55	16.18
2.0	2.0	27.95	13.52	20.88	18.78
5.2	5.2	28.27	12.18	21.38	17.18
10.1	10.1	28.43	11.58	21.60	9.07
15.2	15.2	28.58	11.45	21.74	11.54
20.3	20.4	28.79	11.09	21.97	11.11
25.1	25.2	28.94	10.82	22.13	8.14
30.1	30.2	29.13	10.43	22.34	9.56
35.2	35.3	29.24	10.30	22.45	11.59
40.3	40.4	29.38	9.94	22.61	6.39*
45.1	45.3	29.54	9.90	22.74	8.18*
50.0	50.2	29.62	9.80	22.82	6.44
60.0	60.3	29.87	9.62	23.04	9.03
70.1	70.4	30.28	8.66	23.51	10.99
80.1	80.5	30.69	8.50	23.85	9.83
90.1	90.5	30.87	8.58	23.98	5.20*
100.2	100.7	30.96	8.57	24.06	4.72*
110.0	110.6	31.04	8.63	24.10	3.47*
120.3	120.8	31.09	8.69	24.13	2.85*
130.1	130.8	31.13	8.73	24.16	2.35*
140.3	140.9	31.16	8.75	24.18	2.58*
150.0	150.7	31.19	8.79	24.20	2.23*
160.2	161.0	31.21	8.82	24.21	1.62*
170.0	170.8	31.22	8.84	24.21	1.39*
180.0	180.9	31.23	8.86	24.22	1.26*
190.1	191.0	31.24	8.87	24.22	1.33*

MAX DEPTH 199.8

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 4 SAANICH INLET 1976

LAT N48 39.26

DATE 31/ 8/76

TIME (PST) 1155

TAPE CZ0/78/ 5- 29

LONG W123 30.13

PASS NO. 9

STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	28.25	14.94	20.83	46.25
2.2	2.2	28.26	12.84	21.25	18.21
5.3	5.3	28.22	12.31	21.31	13.87
10.1	10.1	28.44	11.54	21.62	10.62
15.1	15.1	28.70	11.36	21.85	9.68
20.2	20.2	28.77	11.07	21.96	10.13*
25.2	25.2	28.95	10.81	22.14	10.41
30.3	30.4	29.10	10.52	22.30	10.35
35.1	35.2	29.18	10.40	22.38	5.15
40.1	40.2	29.29	10.25	22.49	7.09
45.2	45.3	29.46	10.06	22.65	15.31
50.1	50.3	29.83	9.67	23.00	11.74
60.1	60.4	30.07	9.47	23.22	6.74
70.1	70.4	30.36	8.90	23.54	10.04
80.1	80.5	30.61	8.57	23.78	8.55*
90.2	90.6	30.93	8.66	24.01	9.56*
100.2	100.7	30.95	8.68	24.03	5.49
110.1	110.6	31.03	8.69	24.09	5.42
120.1	120.7	31.13	8.73	24.16	4.27*
130.1	130.7	31.17	8.77	24.19	1.83*
140.3	140.9	31.18	8.79	24.19	1.57*
150.0	150.7	31.19	8.80	24.20	1.69*
160.1	160.9	31.21	8.83	24.21	1.79*
170.0	170.8	31.22	8.85	24.21	1.59*

MAX DEPTH 178.3

CRUISE NO. 4 SAANICH INLET 1976

LAT N48 41.58

DATE 31/ 8/76

TIME (PST) 1241

TAPE CZ0/78/ 5- 30

LONG W123 30.15

PASS NO. 11

STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	28.32	13.73	21.12	17.34
2.3	2.3	28.36	12.07	21.46	15.01
5.3	5.3	28.48	11.65	21.63	11.64
10.3	10.3	28.67	11.14	21.86	13.66
15.1	15.1	28.81	10.90	22.02	6.66
20.2	20.2	28.93	10.76	22.14	7.24
25.2	25.3	29.10	10.52	22.30	8.85
30.2	30.3	29.19	10.39	22.40	7.52
35.2	35.3	29.28	10.27	22.48	7.76
40.0	40.2	29.47	10.05	22.66	8.36
45.0	45.2	29.54	9.97	22.73	5.26
50.0	50.2	29.61	9.87	22.80	7.90

MAX DEPTH 53.5

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 4 SAANICH INLET 1976

LAT N48 43.75

DATE 31/ 8/76

TIME (PST) 1257

TAPE CZ0/78/ 5- 31

LONG W123 32.46

PASS NO. 13

STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.06	13.73	20.93	7.88*
2.2	2.2	28.15	13.52	21.03	9.71*
5.2	5.2	28.01	13.37	20.96	12.46*
10.3	10.3	28.33	12.17	21.42	12.31
15.1	15.1	28.43	11.73	21.58	11.57
20.1	20.1	28.63	11.32	21.80	12.53
25.2	25.2	28.86	10.89	22.06	20.99
30.3	30.3	29.20	10.41	22.40	18.40
35.3	35.4	29.34	10.23	22.54	8.78*
40.2	40.3	29.41	10.16	22.60	8.59
45.3	45.4	29.52	10.04	22.70	10.04
50.2	50.4	29.62	9.93	22.80	8.52
60.2	60.4	29.90	9.66	23.06	9.43*
70.2	70.5	30.05	9.50	23.20	4.78*
80.2	80.5	30.08	9.47	23.23	2.79

MAX DEPTH 89.6

CRUISE NO. 4 SAANICH INLET 1976

LAT N48 43.40

DATE 31/ 8/76

TIME (PST) 1323

TAPE CZ0/78/ 5- 32

LONG W123 25.07

PASS NO. 15

STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.41	12.54	21.42	20.35
2.1	2.1	28.40	11.41	21.61	16.95
5.1	5.1	28.53	10.95	21.79	14.58
10.0	10.0	28.84	10.61	22.08	12.54*
15.1	15.1	29.03	10.53	22.25	7.54
20.2	20.3	29.07	10.26	22.32	5.38
25.1	25.2	29.22	10.13	22.46	12.65
30.2	30.3	29.31	10.18	22.52	10.24*
35.2	35.3	29.61	9.93	22.79	11.86
40.3	40.4	29.85	9.73	23.01	5.16*
45.1	45.3	29.88	9.70	23.04	6.79*
50.1	50.3	29.96	9.64	23.11	5.62*
60.3	60.5	30.03	9.60	23.17	8.91
70.1	70.4	30.18	9.50	23.31	5.09*

MAX DEPTH 78.5

CRUISE NO. 5

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 5 SAANICH INLET 1976

LAT N48 31.22

DATE 30/ 9/76

TIME (PST) 1058

TAPE CZ0/78/ 5- 33

LONG W123 32.27

PASS NO. 1

STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.62	14.80	20.38	+
2.1	2.1	27.74	14.56	20.52	20.98
5.2	5.2	28.35	12.77	21.33	29.96
10.2	10.3	28.62	12.00	21.68	12.44
15.3	15.3	28.72	11.61	21.82	12.05
20.0	20.1	28.89	11.25	22.02	11.09
25.0	25.1	29.06	10.75	22.23	13.82
30.0	30.1	29.20	10.43	22.39	5.98
35.3	35.4	29.36	10.04	22.58	12.68
40.1	40.3	29.47	9.80	22.70	8.26
45.1	45.3	29.57	9.64	22.81	5.53
50.3	50.5	29.70	9.44	22.94	11.54
60.2	60.4	29.90	9.18	23.13	6.94
70.1	70.3	30.22	8.86	23.43	7.88
80.1	80.4	30.63	8.61	23.79	11.16
90.3	90.7	30.88	8.58	23.99	5.35*
100.2	100.7	30.96	8.62	24.05	3.46*
110.0	110.5	31.01	8.65	24.08	2.89*
120.2	120.7	31.05	8.68	24.11	3.31*
130.1	130.7	31.10	8.73	24.14	2.52*
140.1	140.7	31.12	8.75	24.15	1.89*
150.1	150.8	31.12	8.78	24.15	

MAX DEPTH 151.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 SAANICH INLET 1976
 LAT N48 33.48
 DATE 30/ 9/76
 TIME (PST) 1122

TAPE C20/78/ 5- 34
 LONG W123 30.76
 PASS NO. 3
 STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.74	15.35	20.35	14.33
2.1	2.1	27.81	14.21	20.64	25.67
5.2	5.3	28.33	12.61	21.34	12.08
10.2	10.2	28.65	11.44	21.80	9.71
15.2	15.2	28.91	10.87	22.10	10.66
20.1	20.2	29.03	10.60	22.23	9.05
25.3	25.4	29.14	10.36	22.36	7.50
30.2	30.3	29.26	10.11	22.50	9.85
35.1	35.2	29.41	10.02	22.63	5.99
40.1	40.2	29.56	9.88	22.76	10.58
45.1	45.2	29.70	9.71	22.90	6.62
50.2	50.3	29.80	9.50	23.01	9.54
60.1	60.4	30.11	9.17	23.30	8.46
70.2	70.5	30.41	8.83	23.58	12.07
80.2	80.6	30.71	8.61	23.85	6.72
90.2	90.6	30.88	8.58	23.99	6.00*
100.2	100.7	31.00	8.63	24.08	4.97*
110.0	110.5	31.05	8.67	24.11	4.20*
120.1	120.7	31.11	8.71	24.14	2.98*
130.1	130.7	31.13	8.75	24.16	2.74*
140.2	140.8	31.17	8.80	24.19	2.61*
150.2	150.9	31.20	8.83	24.20	1.92*
160.1	160.9	31.22	8.84	24.21	1.45*
170.2	171.0	31.22	8.85	24.22	1.41*
180.1	180.9	31.23	8.86	24.22	1.37*
190.0	190.9	31.24	8.86	24.23	1.23*
200.0	201.0	31.24	8.87	24.23	1.45*
210.1	211.1	31.25	8.86	24.23	1.64*
220.2	221.2	31.08	8.82	24.10	

MAX DEPTH 221.5

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 5 SAANICH INLET 1976

LAT N48 35.33

DATE 30/ 9/76

TIME (PST) 1140

TAPE CZ0/78/ 5- 35

LONG W123 30.13

PASS NO. 5

STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	27.76	14.95	20.45	71.83
2.1	2.1	27.88	13.80	20.77	38.34
5.3	5.3	28.28	12.61	21.31	19.95
10.1	10.2	28.35	11.31	21.59	11.84
15.3	15.3	28.58	11.09	21.80	9.34
20.1	20.1	28.83	10.97	22.02	13.14
25.1	25.2	29.04	10.56	22.25	7.13
30.3	30.3	29.17	10.32	22.39	8.71
35.1	35.2	29.26	10.14	22.49	11.57
40.0	40.2	29.44	9.96	22.66	9.52
45.2	45.3	29.61	9.66	22.83	7.54
50.1	50.2	29.76	9.59	22.96	10.92
60.1	60.3	30.10	9.34	23.27	11.22
70.2	70.5	30.52	8.84	23.67	13.05
80.3	80.6	30.85	8.66	23.95	6.20
90.1	90.5	30.96	8.65	24.04	4.61*
100.2	100.7	31.02	8.66	24.09	4.34*
110.0	110.5	31.07	8.69	24.12	3.13*
120.1	120.6	31.12	8.75	24.15	3.05*
130.2	130.9	31.15	8.76	24.17	4.24
140.2	140.9	31.18	8.78	24.19	2.38*
150.1	150.8	31.20	8.80	24.21	1.85*
160.2	161.0	31.21	8.82	24.21	1.45*
170.3	171.1	31.23	8.86	24.22	1.52*
180.2	181.1	31.24	8.86	24.23	1.03*
190.0	190.9	31.24	8.87	24.23	.90*
200.1	201.1	31.24	8.85	24.23	1.37*
210.2	211.3	31.25	8.86	24.24	1.37*
220.1	221.1	31.25	8.82	24.24	

MAX DEPTH 226.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 SAANICH INLET 1976
 LAT N48 37.30
 DATE 30/ 9/76
 TIME (PST) 1302

TAPE C20/78/ 5- 36
 LONG W123 29.90
 PASS NO. 7
 STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.51	14.99	20.25	42.02
2.3	2.3	28.10	12.82	21.13	33.90
5.2	5.2	28.27	11.66	21.47	24.05*
10.2	10.2	28.40	11.32	21.62	12.31
15.3	15.3	28.72	10.89	21.95	12.77
20.2	20.2	28.94	10.55	22.18	10.99
25.1	25.2	29.07	10.40	22.30	7.27
30.2	30.3	29.28	10.15	22.50	12.38
35.1	35.2	29.49	9.94	22.70	7.48
40.1	40.3	29.59	9.88	22.78	9.55
45.1	45.3	29.72	9.75	22.91	6.35
50.2	50.4	29.87	9.53	23.06	7.31*
60.2	60.4	30.01	9.33	23.20	6.92
70.1	70.4	30.35	8.99	23.52	5.85
80.1	80.4	30.71	8.71	23.83	9.36*
90.3	90.7	30.92	8.66	24.01	5.14
100.1	100.5	30.99	8.68	24.06	6.15*
110.3	110.8	31.06	8.72	24.11	3.99
120.2	120.7	31.11	8.75	24.14	3.19*
130.3	130.9	31.14	8.76	24.17	2.79*
140.1	140.7	31.17	8.77	24.18	2.24*
150.1	150.8	31.19	8.79	24.20	2.17*
160.1	160.9	31.21	8.80	24.21	1.75*
170.2	171.0	31.22	8.82	24.21	1.28*
180.0	180.9	31.22	8.83	24.22	.91*
190.2	191.1	31.23	8.85	24.22	.87*
200.3	201.3	31.23	8.84	24.23	1.53*
210.0	211.0	31.24	8.83	24.23	1.37*

MAX DEPTH 213.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 5 SAANICH INLET 1976
 LAT N48 39.26
 DATE 30/ 9/76
 TIME (PST) 1319

TAPE CZ0/78/ 5- 37
 LONG W123 30.13
 PASS NO. 9
 STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.58	14.99	20.30	21.06
2.2	2.2	27.87	12.57	21.00	22.31
5.1	5.1	28.24	11.77	21.42	10.16
10.3	10.3	28.56	11.08	21.79	13.99
15.3	15.3	28.78	10.76	22.01	13.72
20.1	20.1	29.00	10.45	22.24	9.07*
25.3	25.4	29.06	10.40	22.29	8.26*
30.0	30.1	29.19	10.27	22.41	8.04*
35.3	35.4	29.26	10.18	22.48	7.83*
40.0	40.2	29.37	10.08	22.58	10.63
45.1	45.2	29.56	9.89	22.76	13.92
50.2	50.4	29.89	9.63	23.06	15.27*
60.1	60.3	30.20	9.38	23.34	8.04
70.2	70.5	30.59	9.05	23.69	11.50
80.0	80.4	30.92	8.76	24.00	7.67
90.2	90.7	31.01	8.78	24.06	3.14*
100.2	100.6	31.05	8.76	24.09	3.28*
110.2	110.7	31.11	8.75	24.14	3.86*
120.0	120.6	31.14	8.76	24.16	2.38*
130.2	130.8	31.16	8.78	24.18	2.01*
140.1	140.7	31.19	8.80	24.20	2.12*
150.2	150.9	31.20	8.81	24.20	1.12*
160.0	160.8	31.21	8.81	24.21	1.15*
170.2	171.0	31.22	8.82	24.21	1.42*
180.1	181.0	31.22	8.83	24.22	.91*

MAX DEPTH 185.6

CRUISE NO. 5 SAANICH INLET 1976
 LAT N48 41.58
 DATE 30/ 9/76
 TIME (PST) 1402

TAPE CZ0/78/ 5- 38
 LONG W123 30.15
 PASS NO. 11
 STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.07	13.07	21.06	24.20
2.1	2.1	28.22	11.80	21.41	25.15
5.2	5.3	28.58	11.12	21.80	8.25
10.2	10.2	28.64	11.02	21.86	9.14*
15.2	15.2	28.84	10.71	22.07	9.98
20.1	20.1	28.99	10.50	22.22	8.04
25.1	25.2	29.12	10.39	22.34	9.01*
30.1	30.2	29.17	10.31	22.39	8.76
35.2	35.3	29.39	10.06	22.60	8.36
40.3	40.4	29.57	9.93	22.76	8.84
45.2	45.4	29.73	9.79	22.91	7.27
50.1	50.3	29.81	9.73	22.98	9.58*
60.2	60.5	30.20	9.45	23.33	8.98
70.2	70.5	30.74	9.06	23.80	10.79

MAX DEPTH 71.7

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 5 SAANICH INLET 1976

LAT N48 43.75

DATE 30/ 9/76

TIME (PST) 1417

TAPE CZ0/78/ 5- 39

LONG W123 32.46

PASS NO. 13

STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.63	13.25	20.69	38.46
2.1	2.1	28.02	12.32	21.16	26.44
5.2	5.3	28.18	11.77	21.38	11.57
10.3	10.3	28.35	11.36	21.58	14.70*
15.1	15.2	28.47	11.14	21.71	8.17
20.3	20.3	28.55	11.06	21.79	8.25
25.2	25.2	28.69	10.94	21.92	5.23
30.3	30.4	28.98	10.59	22.19	24.76
35.3	35.4	29.54	9.97	22.73	9.65
40.2	40.3	29.60	9.91	22.79	7.58
45.3	45.5	29.65	9.87	22.83	6.68*
50.2	50.4	29.78	9.77	22.95	9.05
60.1	60.4	30.11	9.52	23.24	6.00
70.0	70.3	30.19	9.45	23.32	4.93*
80.1	80.5	30.26	9.40	23.38	5.88

MAX DEPTH 83.0

CRUISE NO. 5 SAANICH INLET 1976

LAT N48 43.40

DATE 30/ 9/76

TIME (PST) 1440

TAPE CZ0/78/ 5- 40

LONG W123 25.07

PASS NO. 15

STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.61	11.68	21.73	.60
2.1	2.1	28.59	11.12	21.81	9.31
5.2	5.2	28.76	10.78	22.00	9.45
10.1	10.2	28.90	10.56	22.14	12.89
15.1	15.1	29.08	10.35	22.32	6.80
20.1	20.2	29.39	10.08	22.60	12.77
25.1	25.2	29.48	10.01	22.68	7.86*
30.2	30.3	29.57	9.94	22.76	9.26
35.2	35.3	29.87	9.69	23.03	16.92
40.2	40.3	29.98	9.62	23.13	6.80*
45.2	45.3	30.01	9.61	23.15	3.67*
50.1	50.3	30.02	9.60	23.16	5.92*
60.2	60.5	30.22	9.48	23.34	8.18
70.2	70.5	30.63	9.25	23.69	4.72*
80.1	80.4	30.65	9.23	23.71	5.04*

MAX DEPTH 89.6

CRUISE NO. 6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 SAANICH INLET 1976
 LAT N48 31.22
 DATE 13/11/76
 TIME (PST) 1034

TAPE CZ0/78/ 5- 41
 LONG W123 32.27
 PASS NO. 1
 STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-v
.0	.0	28.72	9.52	22.17	9.59*
2.1	2.1	28.78	9.57	22.20	7.62*
5.1	5.1	28.77	9.52	22.20	4.67*
10.3	10.3	28.78	9.50	22.21	6.16
15.2	15.2	29.01	9.92	22.33	16.33
20.0	20.1	29.33	9.96	22.57	12.63
25.2	25.3	29.43	9.93	22.65	8.24
30.1	30.2	29.53	9.85	22.74	6.23
35.1	35.2	29.60	9.78	22.81	5.29
40.2	40.4	29.70	9.68	22.91	8.72
45.2	45.3	29.79	9.57	22.99	8.41
50.1	50.3	29.90	9.46	23.09	6.29
60.2	60.4	30.15	9.22	23.32	13.96
70.2	70.5	30.63	8.85	23.75	7.31
80.1	80.5	30.87	8.72	23.96	9.63
90.0	90.5	31.01	8.69	24.07	4.02*
100.2	100.6	31.04	8.70	24.10	3.38*
110.2	110.8	31.10	8.73	24.14	2.48*
120.2	120.7	31.14	8.75	24.17	3.38*
130.1	130.7	31.17	8.79	24.18	1.66*
140.2	140.9	31.18	8.80	24.19	1.67*
150.2	151.0	31.20	8.81	24.20	2.10*
160.2	161.0	31.21	8.82	24.21	1.25*
170.1	170.9	31.22	8.83	24.22	

MAX DEPTH 175.8

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 6 SAANICH INLET 1976

LAT N48 33.48

DATE 13/11/76

TIME (PST) 1352

TAPE CZO/78/ 5- 42

LONG W123 30.76

PASS NO. 3

STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.70	9.39	22.17	4.33*
2.0	2.0	28.72	9.39	22.18	4.57*
5.2	5.2	28.72	9.41	22.18	4.93*
10.2	10.3	28.85	9.57	22.25	7.82
15.2	15.3	28.98	9.84	22.32	11.63
20.2	20.3	29.25	9.88	22.52	10.46
25.3	25.4	29.40	9.81	22.65	9.58
30.3	30.4	29.47	9.80	22.71	6.27
35.2	35.3	29.54	9.75	22.77	4.44
40.2	40.3	29.63	9.63	22.86	8.92
45.1	45.2	29.75	9.56	22.96	7.90
50.3	50.5	29.88	9.48	23.07	9.38
60.1	60.3	30.21	9.21	23.37	8.27
70.1	70.4	30.46	9.04	23.59	9.43
80.2	80.6	30.60	8.97	23.71	4.06
90.2	90.6	30.75	8.88	23.84	10.53
100.1	100.6	30.97	8.72	24.04	5.74*
110.3	110.8	31.04	8.70	24.09	3.80*
120.0	120.6	31.09	8.73	24.13	3.16*
130.1	130.8	31.13	8.75	24.16	3.00*
140.1	140.7	31.15	8.78	24.17	2.28*
150.0	150.7	31.18	8.80	24.19	1.81*
160.2	160.9	31.20	8.82	24.20	2.02*
170.0	170.8	31.21	8.83	24.21	1.43*
180.1	181.0	31.22	8.84	24.21	1.04*
190.0	190.9	31.22	8.84	24.22	1.23*
200.2	201.1	31.23	8.85	24.22	1.50*
210.1	211.1	31.24	8.85	24.23	

MAX DEPTH 216.6

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 6 SAANICH INLET 1976

LAT N48 35.33

DATE 13/11/76

TIME (PST) 1436

TAPE CZO/78/ 5- 43

LONG W123 30.13

PASS NO. 7

STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.67	9.44	22.14	4.96
2.1	2.1	28.71	9.41	22.18	7.26
5.2	5.2	28.83	9.59	22.24	7.79*
10.2	10.2	28.89	9.53	22.29	6.59
15.1	15.1	29.11	9.95	22.40	8.36
20.1	20.2	29.36	9.76	22.63	10.21
25.2	25.2	29.41	9.73	22.67	5.90*
30.2	30.3	29.47	9.74	22.71	6.75
35.0	35.2	29.58	9.69	22.81	5.76
40.0	40.2	29.68	9.59	22.90	7.36
45.1	45.3	29.81	9.49	23.02	4.84
50.2	50.4	29.93	9.42	23.12	9.08*
60.2	60.4	30.15	9.26	23.32	10.41
70.2	70.5	30.46	9.07	23.59	7.38
80.1	80.4	30.64	8.98	23.74	7.25
90.2	90.7	30.91	8.80	23.98	5.12
100.1	100.6	31.01	8.76	24.07	4.44*
110.1	110.6	31.07	8.76	24.11	3.60*
120.3	120.8	31.10	8.75	24.13	2.92*
130.2	130.8	31.13	8.76	24.16	2.78*
140.3	140.9	31.16	8.78	24.18	2.39*
150.3	151.0	31.18	8.80	24.19	1.72*
160.2	161.0	31.20	8.81	24.20	1.44*
170.2	171.0	31.21	8.82	24.21	1.43*
180.1	180.9	31.22	8.83	24.22	1.44*
190.3	191.2	31.23	8.85	24.22	1.16*
200.1	201.1	31.23	8.85	24.22	1.02*
210.0	211.0	31.24	8.85	24.23	1.25*
220.1	221.1	31.25	8.85	24.23	

MAX DEPTH 221.1

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 6 SAANICH INLET 1976

LAT N48 37.30

DATE 13/11/76

TIME (PST) 1532

TAPE CZO/78/ 5- 44

LONG W123 29.00

PASS NO. 9

STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.75	9.40	22.21	10.36
2.1	2.1	28.80	9.40	22.24	3.00*
5.1	5.2	28.89	9.44	22.31	7.93
10.2	10.3	29.09	9.94	22.39	5.50
15.2	15.3	29.16	9.95	22.44	5.33
20.2	20.2	29.29	9.70	22.58	9.11*
25.2	25.3	29.45	9.73	22.70	8.39*
30.2	30.3	29.51	9.72	22.75	6.34*
35.3	35.4	29.61	9.66	22.83	6.44
40.1	40.2	29.66	9.58	22.89	7.59
45.3	45.4	29.77	9.51	22.98	6.23
50.1	50.2	29.91	9.43	23.11	8.21
60.3	60.5	30.21	9.22	23.37	7.18
70.1	70.4	30.56	9.03	23.67	7.62
80.2	80.6	30.78	8.90	23.86	6.37
90.1	90.5	30.95	8.83	24.00	5.88
100.2	100.6	31.04	8.76	24.09	4.20*
110.2	110.7	31.09	8.76	24.12	4.89*
120.2	120.8	31.13	8.78	24.15	2.63*
130.3	130.9	31.15	8.79	24.17	2.31*
140.0	140.7	31.17	8.79	24.18	2.35*
150.0	150.8	31.19	8.80	24.20	1.63*
160.0	160.8	31.20	8.82	24.20	1.63*
170.0	170.8	31.21	8.83	24.21	1.48*
180.1	180.9	31.23	8.84	24.22	1.14*
190.2	191.1	31.23	8.84	24.22	1.12*
200.0	201.0	31.24	8.85	24.23	1.14*
210.1	211.1	31.24	8.85	24.23	+

MAX DEPTH 212.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 6 SAANICH INLET 1976
 LAT N48 39.26
 DATE 13/11/76
 TIME (PST) 1557

TAPE CZ0/78/ 5- 45
 LONG W123 30.13
 PASS NO. 11
 STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	28.77	9.41	22.22	1.15
2.0	2.1	28.78	9.42	22.23	2.97*
5.0	5.0	28.93	9.44	22.34	7.43
10.0	10.0	28.96	9.49	22.36	13.70
15.3	15.3	29.24	9.67	22.55	9.85*
20.2	20.2	29.30	9.66	22.59	5.93
25.1	25.2	29.39	9.67	22.66	5.89*
30.3	30.4	29.49	9.66	22.75	7.47
35.3	35.4	29.58	9.50	22.84	5.93
40.0	40.2	29.67	9.56	22.90	8.12
45.0	45.2	29.78	9.47	23.00	10.05
50.1	50.3	29.95	9.35	23.15	7.93
60.2	60.5	30.20	9.12	23.38	9.31
70.1	70.4	30.46	8.98	23.60	9.32
80.1	80.5	30.71	8.95	23.80	6.39
90.1	90.5	31.01	8.79	24.06	4.98*
100.0	100.5	31.06	8.79	24.10	3.06*
110.2	110.7	31.10	8.79	24.13	2.53*
120.1	120.6	31.12	8.78	24.15	2.44*
130.2	130.8	31.14	8.79	24.16	2.24*
140.1	140.8	31.16	8.79	24.17	2.21*
150.3	151.0	31.18	8.80	24.19	2.20*
160.1	160.9	31.20	8.81	24.21	1.93*
170.3	171.1	31.22	8.82	24.21	1.26*
180.1	181.0	31.22	8.83	24.22	1.14*

MAX DEPTH 185.1

CRUISE NO. 6 SAANICH INLET 1976
 LAT N48 41.58
 DATE 14/11/76
 TIME (PST) 0922

TAPE CZ0/78/ 5- 46
 LONG W123 30.15
 PASS NO. 13
 STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	28.83	9.21	22.30	31.03
2.1	2.1	28.84	9.23	22.30	13.90
5.1	5.1	28.94	9.41	22.35	4.24
10.1	10.1	29.00	9.44	22.39	4.34*
15.0	15.1	29.02	9.39	22.41	5.40
20.0	20.1	29.11	9.50	22.47	7.80
25.1	25.2	29.22	9.53	22.55	7.17
30.2	30.3	29.37	9.46	22.68	7.76
35.1	35.3	29.46	9.48	22.74	5.43
40.0	40.2	29.49	9.48	22.77	5.28
45.1	45.2	29.64	9.42	22.90	13.14
50.1	50.3	29.71	9.38	22.96	6.99*
60.2	60.4	30.12	9.18	23.30	16.49
70.0	70.3	30.70	8.78	23.82	9.88

MAX DEPTH 71.8

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 6 SAANICH INLET 1976

LAT N48 43.75

DATE 14/11/76

TIME (PST) 0948

TAPE CZ0/78/ 5- 47

LONG W123 32.46

PASS NO. 15

STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.73	9.10	22.23	60.87
2.3	2.3	28.88	9.11	22.35	28.83
5.2	5.2	29.06	9.30	22.47	9.54*
10.2	10.3	29.14	9.30	22.53	5.52
15.0	15.1	29.21	9.39	22.57	5.12
20.1	20.2	29.31	9.46	22.64	6.37
25.3	25.3	29.41	9.55	22.70	6.19*
30.0	30.1	29.55	9.47	22.82	7.58
35.2	35.3	29.60	9.42	22.86	8.00
40.1	40.2	29.75	9.34	22.99	11.10
45.1	45.2	29.92	9.21	23.15	8.39
50.1	50.3	30.09	9.07	23.30	9.89
60.2	60.5	30.27	8.99	23.45	6.12
70.2	70.5	30.62	8.83	23.75	8.45*
80.1	80.5	30.77	8.77	23.87	12.13
90.1	90.5	30.95	8.69	24.03	4.98*
100.0	100.5	31.03	8.66	24.09	+

MAX DEPTH 101.7

CRUISE NO. 6 SAANICH INLET 1976

LAT N48 43.40

DATE 14/11/76

TIME (PST) 1033

TAPE CZ0/78/ 5- 48

LONG W123 25.07

PASS NO. 17

STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.85	9.07	22.34	10.69
2.0	2.1	28.95	9.08	22.41	8.81
5.1	5.1	29.02	9.11	22.46	6.11*
10.2	10.2	29.03	9.12	22.47	3.21
15.2	15.3	29.09	9.12	22.51	6.79
20.1	20.2	29.15	9.11	22.56	5.46*
25.3	25.3	29.19	9.09	22.59	6.02*
30.0	30.1	29.20	9.07	22.61	7.17*
35.0	35.1	29.37	9.04	22.74	13.28
40.1	40.3	29.66	9.03	22.97	11.22*
45.1	45.2	29.74	9.05	23.03	6.56
50.1	50.3	29.84	9.01	23.11	8.82
60.1	60.3	30.15	8.92	23.37	7.79
70.1	70.4	30.18	8.91	23.39	7.85
80.1	80.5	31.18	8.59	24.22	11.15
90.1	90.5	31.34	8.54	24.36	+

MAX DEPTH 93.7

CRUISE NO. 7

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 7 SAANICH INLET 1976.

LAT N48 31.22

DATE 13/12/76

TIME (PST) 1039

TAPE CZ0/78/ 5- 49

LONG W123 32.27

PASS NO. 1

STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.64	8.88	22.98	5.28*
2.0	2.1	29.68	9.03	22.98	1.98*
5.0	5.0	29.73	9.11	23.01	5.00*
10.0	10.1	29.76	9.16	23.03	4.71*
15.1	15.1	29.79	9.23	23.04	4.43*
20.0	20.1	29.85	9.23	23.09	4.52*
25.1	25.2	29.88	9.29	23.10	4.62*
30.1	30.3	29.94	9.35	23.14	4.28*
35.2	35.3	29.99	9.35	23.18	3.94*
40.1	40.3	29.99	9.35	23.18	5.12
45.3	45.5	30.04	9.32	23.22	6.76*
50.3	50.5	30.16	9.23	23.33	8.41
60.1	60.3	30.33	9.10	23.48	5.83*
70.1	70.4	30.49	9.00	23.62	8.79
80.3	80.7	30.68	8.89	23.78	5.74
90.1	90.5	30.96	8.76	24.02	7.73*
100.4	100.8	30.99	8.75	24.05	4.09
110.5	111.0	31.07	8.75	24.11	4.51
120.5	121.0	31.15	8.77	24.17	4.18*
130.7	131.3	31.17	8.79	24.19	2.15*
140.4	141.1	31.18	8.80	24.19	4.87
150.2	150.9	31.22	8.82	24.22	
160.3	160.9	30.06	8.84	23.31	

MAX DEPTH 162.0

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 7 SAANICH INLET 1976

LAT N48 33.48

DATE 13/12/76

TIME (PST) 1116

TAPE CZ0/78/ 5- 50

LONG W123 30.76

PASS NO. 3

STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	29.63	8.75	22.99	4.26
2.2	2.2	29.67	8.79	23.02	6.70
5.1	5.2	29.71	8.88	23.03	6.71
10.2	10.2	29.71	8.93	23.02	4.06*
15.1	15.1	29.76	9.00	23.05	5.14
20.0	20.1	29.80	8.89	23.10	6.17
25.2	25.3	29.86	8.92	23.14	5.64*
30.1	30.2	29.95	8.99	23.20	6.43
35.1	35.2	30.03	9.02	23.26	5.50
40.2	40.4	30.13	8.96	23.35	6.73*
45.0	45.2	30.23	8.90	23.43	7.15*
50.1	50.3	30.26	8.85	23.46	7.07*
60.2	60.5	30.41	8.74	23.59	5.08*
70.3	70.6	30.48	8.58	23.68	10.52*
80.1	80.4	30.59	8.61	23.76	6.57*
90.3	90.7	30.82	8.80	23.91	6.46*
100.3	100.7	30.95	8.78	24.02	9.00
110.1	110.7	31.05	8.75	24.09	4.22
120.2	120.8	31.11	8.75	24.14	4.37
130.1	130.7	31.15	8.76	24.17	3.44*
140.3	140.9	31.17	8.78	24.19	3.16*
150.0	150.8	31.19	8.80	24.20	2.06*
160.3	161.0	31.23	8.82	24.22	1.97*
170.3	171.1	31.23	8.83	24.23	2.20*
180.1	180.9	31.25	8.83	24.24	1.53*
190.2	191.1	31.25	8.84	24.24	1.27*

MAX DEPTH 198.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 SAANICH INLET 1976
 LAT N48 35.33
 DATE 13/12/76
 TIME (PST) 1143

TAPE CZ078/ 5- 51
 LONG W123 30.13
 PASS NO. 5
 STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.39	8.24	22.87	16.08*
2.0	2.0	29.56	8.60	22.96	12.12*
5.2	5.2	29.64	8.88	22.98	6.17*
10.1	10.2	29.66	8.85	23.00	3.62*
15.0	15.1	29.72	8.91	23.04	7.14*
20.0	20.1	29.84	8.63	23.17	6.52
25.1	25.2	29.89	8.67	23.20	4.91*
30.0	30.1	29.97	8.85	23.24	6.49
35.2	35.3	30.11	8.88	23.34	5.23
40.0	40.2	30.09	8.86	23.33	4.65*
45.2	45.4	30.12	8.73	23.37	4.83*
50.1	50.3	30.24	8.80	23.45	4.65*
60.1	60.4	30.33	8.68	23.54	5.27*
70.2	70.5	30.43	8.54	23.64	6.19
80.2	80.6	30.57	8.75	23.72	6.02*
90.2	90.6	30.71	8.69	23.84	6.98
100.1	100.5	30.92	8.79	23.99	5.63
110.1	110.6	31.05	8.76	24.09	4.50*
120.1	120.6	31.09	8.75	24.13	2.98*
130.2	130.9	31.12	8.76	24.15	2.78*
140.2	140.9	31.16	8.77	24.18	2.78*
150.2	150.9	31.18	8.79	24.19	2.20*
160.2	160.9	31.20	8.81	24.21	1.91*
170.2	171.0	31.21	8.82	24.21	1.40*
180.2	181.0	31.23	8.83	24.22	1.24*
190.2	191.1	31.24	8.84	24.23	.80*
200.2	201.1	31.23	8.84	24.22	1.15*
210.1	211.1	31.24	8.85	24.23	

MAX DEPTH 212.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 SAANICH INLET 1976
 LAT N48 37.30
 DATE 13/12/76
 TIME (PST) 1243

TAPE CZ0/78/ 5- 52
 LONG W123 29.90
 PASS NO. 7
 STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.56	7.94	22.27	27.36
2.1	2.1	29.16	8.19	22.70	17.82
5.2	5.2	29.59	8.83	22.94	7.61
10.2	10.3	29.64	8.69	23.01	5.68*
15.1	15.2	29.69	8.76	23.04	6.98
20.1	20.2	29.70	8.71	23.05	7.97*
25.1	25.2	29.83	8.56	23.17	8.18
30.3	30.4	29.93	8.75	23.22	7.57
35.0	35.2	30.06	8.63	23.34	8.61
40.0	40.2	30.10	8.48	23.40	7.33*
45.1	45.3	30.16	8.45	23.44	5.68
50.2	50.4	30.21	8.44	23.49	6.38*
60.1	60.3	30.36	8.40	23.61	5.77
70.1	70.4	30.44	8.53	23.65	4.39
80.0	80.4	30.52	8.53	23.72	4.69
90.0	90.4	30.71	8.70	23.83	6.77
100.2	100.7	30.92	8.79	23.99	6.16
110.2	110.7	31.03	8.76	24.08	4.21*
120.3	120.8	31.09	8.77	24.12	3.28*
130.1	130.7	31.13	8.78	24.15	3.27*
140.4	141.0	31.16	8.78	24.17	2.71*
150.3	151.1	31.19	8.80	24.19	1.84*
160.2	160.9	31.20	8.81	24.20	1.78*
170.2	171.0	31.21	8.83	24.21	1.67*
180.1	181.0	31.22	8.84	24.22	.92*
190.3	191.2	31.22	8.84	24.22	+

MAX DEPTH 195.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 SAANICH INLET 1976
 LAT N48 39.26
 DATE 13/12/76
 TIME (PST) 1310

TAPE CZ0/78/ 5- 53
 LONG W123 30.13
 PASS NO. 9
 STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.14	8.20	21.90	53.63
2.1	2.1	29.38	8.67	22.80	24.33
5.1	5.1	29.52	8.73	22.91	8.49
10.2	10.2	29.65	8.93	22.97	4.92
15.2	15.3	29.66	8.90	22.99	6.50*
20.0	20.1	29.70	8.75	23.04	6.42
25.3	25.4	29.82	8.76	23.13	7.08
30.3	30.4	29.90	8.74	23.20	7.96
35.3	35.4	30.00	8.54	23.31	8.16
40.0	40.2	30.09	8.61	23.37	5.01*
45.1	45.2	30.11	8.52	23.40	5.62
50.1	50.3	30.17	8.57	23.43	5.80*
60.2	60.5	30.25	8.48	23.51	5.17*
70.2	70.5	30.36	8.47	23.60	4.56*
80.3	80.7	30.60	8.70	23.75	8.72
90.1	90.5	30.88	8.80	23.95	7.50
100.1	100.5	31.02	8.78	24.06	5.25
110.0	110.6	31.08	8.78	24.12	2.86*
120.1	120.7	31.11	8.78	24.13	2.31*
130.2	130.8	31.15	8.79	24.17	2.71*
140.1	140.7	31.17	8.79	24.18	1.92*
150.3	151.0	31.19	8.81	24.20	1.90*
160.2	160.9	31.20	8.82	24.20	1.67*
170.2	171.0	31.21	8.82	24.21	

MAX DEPTH 174.4

CRUISE NO. 7 SAANICH INLET 1976
 LAT N48 41.58
 DATE 13/12/76
 TIME (PST) 1400

TAPE CZ0/78/ 5- 54
 LONG W123 30.15
 PASS NO. 11
 STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.71	8.37	21.55	38.92
2.0	2.0	28.76	8.41	22.36	33.00
5.3	5.3	29.43	8.49	22.87	13.00
10.2	10.3	29.57	8.55	22.97	8.52*
15.1	15.1	29.68	8.60	23.05	7.61
20.3	20.3	29.80	8.56	23.15	5.31
25.1	25.2	29.85	8.52	23.20	6.22*
30.1	30.3	29.94	8.54	23.26	6.26
35.1	35.3	30.01	8.56	23.31	5.18
40.2	40.3	30.08	8.46	23.38	8.39
45.2	45.4	30.13	8.46	23.42	5.16*
50.2	50.4	30.18	8.39	23.47	5.53*
60.0	60.3	30.25	8.35	23.53	5.17*

MAX DEPTH 67.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 7 SAANICH INLET 1976
 LAT N48 43.75
 DATE 13/12/76
 TIME (PST) 1425

TAPE CZO/78/ 5- 55
 LONG W123 32.46
 PASS NO. 13
 STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.63	8.58	23.02	22.03
2.1	2.1	29.69	8.57	23.06	12.55
5.2	5.2	29.74	8.55	23.10	4.02
10.2	10.2	29.73	8.55	23.10	4.30*
15.3	15.3	29.79	8.53	23.15	5.25*
20.3	20.3	29.81	8.51	23.16	6.39*
25.0	25.1	29.92	8.46	23.26	6.49
30.1	30.2	30.03	8.42	23.35	6.43
35.2	35.3	30.07	8.40	23.38	4.38*
40.0	40.2	30.12	8.38	23.42	4.39*
45.1	45.3	30.14	8.38	23.44	4.10*
50.1	50.3	30.16	8.38	23.46	3.99*
60.3	60.6	30.28	8.34	23.55	5.70
70.1	70.4	30.32	8.33	23.59	3.57*
80.1	80.4	30.36	8.31	23.62	3.62*
90.2	90.5	30.40	8.30	23.65	
MAX DEPTH	94.0				

CRUISE NO. 7 SAANICH INLET 1976
 LAT N48 43.40
 DATE 13/12/76
 TIME (PST) 1506

TAPE CZO/78/ 5- 56
 LONG W123 25.07
 PASS NO. 15
 STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.43	8.52	22.87	15.45*
2.0	2.0	29.46	8.52	22.89	4.62*
5.1	5.1	29.71	8.55	23.08	12.36*
10.3	10.3	29.93	8.43	23.27	9.27*
15.1	15.2	29.96	8.41	23.29	6.18*
20.1	20.2	30.11	8.36	23.42	7.37
25.3	25.4	30.15	8.33	23.45	4.10*
30.0	30.1	30.16	8.32	23.46	4.20
35.1	35.2	30.25	8.31	23.53	8.87
40.2	40.4	30.36	8.28	23.62	7.61*
45.0	45.2	30.39	8.28	23.65	4.20
50.2	50.4	30.43	8.27	23.68	3.76*
60.2	60.4	30.44	8.27	23.69	2.61*
70.1	70.4	30.49	8.26	23.73	4.04*
80.1	80.5	30.57	8.24	23.79	4.51
MAX DEPTH	86.2				

CRUISE NO. 8

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 8 SAANICH INLET 1977

LAT N48 31.22

DATE 25/ 1/77

TIME (PST) 1127

TAPE CZ0/78/ 5- 57

LONG W123 32.27

PASS NO. 1

STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	24.21	5.01	19.18	29.68
2.1	2.1	25.57	5.99	20.16	37.62
5.1	5.1	28.12	7.85	21.93	44.99
10.1	10.2	29.76	8.41	23.14	15.62*
15.2	15.3	29.91	8.58	23.23	7.60*
20.2	20.3	29.98	8.60	23.28	4.92
25.1	25.2	30.04	8.69	23.32	5.49*
30.1	30.3	30.11	8.78	23.36	5.70*
35.2	35.3	30.19	8.84	23.41	5.29*
40.2	40.4	30.26	8.89	23.46	5.38
45.2	45.4	30.29	8.91	23.48	7.54
50.1	50.3	30.42	8.92	23.58	8.07
60.1	60.4	30.54	8.90	23.68	4.89
70.0	70.3	30.66	8.85	23.77	5.38*
80.0	80.4	30.78	8.78	23.88	4.96
90.1	90.5	30.95	8.79	24.01	5.98
100.1	100.5	31.19	8.77	24.20	5.45
110.0	110.6	31.33	8.77	24.31	5.34
120.2	120.8	31.44	8.78	24.40	4.00*
130.2	130.9	31.49	8.79	24.43	2.28*
140.1	140.8	31.51	8.80	24.45	2.15*
150.1	150.9	31.53	8.81	24.46	2.44*
160.0	160.8	31.57	8.82	24.49	3.92
170.1	171.0	31.62	8.83	24.53	

MAX DEPTH 174.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 8 SAANICH INLET 1977
 LAT N48 33.48
 DATE 25/ 1/77
 TIME (PST) 1158

TAPE CZO/78/ 5- 58
 LONG W123 30.76
 PASS NO. 3
 STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	25.40	5.04	20.12	5.21
2.0	2.0	25.85	5.16	20.46	22.11
5.1	5.1	28.55	7.52	22.32	43.32
10.1	10.1	29.53	7.99	23.02	14.12*
15.2	15.3	29.82	8.40	23.18	7.60*
20.0	20.1	29.98	8.51	23.30	6.05
25.2	25.3	30.00	8.50	23.32	4.42*
30.0	30.2	30.04	8.53	23.34	5.72
35.3	35.4	30.11	8.58	23.39	7.24*
40.1	40.3	30.21	8.64	23.46	5.90
45.3	45.5	30.29	8.64	23.52	6.03
50.2	50.4	30.35	8.56	23.58	5.56
60.0	60.3	30.46	8.40	23.69	6.52
70.2	70.5	30.56	8.26	23.78	5.61*
80.3	80.7	30.65	8.20	23.87	4.85
90.0	90.5	30.81	8.33	23.97	6.33
100.0	100.5	31.13	8.64	24.18	7.28
110.2	110.7	31.34	8.75	24.32	5.20*
120.1	120.7	31.44	8.77	24.39	4.31
130.1	130.8	31.49	8.78	24.43	2.84*
140.3	141.0	31.52	8.80	24.45	2.52*
150.2	151.0	31.53	8.81	24.46	2.96
160.0	160.8	31.54	8.82	24.47	1.31*
170.0	170.9	31.57	8.82	24.49	1.39*
180.2	181.1	31.58	8.83	24.50	1.25*
190.3	191.2	31.59	8.84	24.50	1.06*
200.2	201.2	31.59	8.84	24.50	1.28*
210.2	211.3	31.60	8.85	24.51	

MAX DEPTH 216.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 8 SAANICH INLET 1977
 LAT N48 35.33
 DATE 25/ 1/77
 TIME (PST) 1224

TAPE CZ0/78/ 5- 59
 LONG W123 30.13
 PASS NO. 5
 STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	16.35	5.38	12.97	132.93
2.0	2.0	26.67	5.62	21.06	52.98
5.1	5.1	28.06	7.00	22.00	44.41
10.1	10.2	29.56	7.71	23.08	13.07
15.0	15.1	29.74	8.03	23.17	8.59*
20.0	20.1	29.80	7.88	23.24	5.81*
25.1	25.2	29.94	8.32	23.30	4.96*
30.1	30.2	30.03	8.52	23.34	4.27
35.2	35.4	30.08	8.52	23.37	4.35
40.1	40.3	30.14	8.54	23.42	4.85
45.2	45.4	30.20	8.49	23.47	5.19
50.3	50.5	30.30	8.45	23.56	7.26
60.3	60.5	30.40	8.04	23.69	7.17*
70.1	70.4	30.52	7.92	23.80	5.25*
80.2	80.6	30.71	8.31	23.89	5.58
90.1	90.5	30.85	8.45	23.99	7.96*
100.2	100.7	31.17	8.69	24.20	6.18
110.1	110.6	31.31	8.75	24.30	5.50*
120.1	120.6	31.40	8.77	24.37	4.57
130.3	130.9	31.45	8.78	24.40	2.80*
140.2	140.9	31.47	8.79	24.42	2.53*
150.0	150.8	31.50	8.80	24.44	2.09*
160.2	161.0	31.52	8.81	24.45	1.57*
170.0	170.9	31.52	8.82	24.45	1.48*
180.1	181.0	31.54	8.83	24.46	2.43
190.1	191.0	31.57	8.84	24.49	3.00*
200.2	201.2	31.58	8.85	24.50	1.74*
210.1	211.2	31.60	8.85	24.51	1.40*
220.1	221.2	31.61	8.86	24.51	

MAX DEPTH 225.7

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 8 SAANICH INLET 1977

LAT N48 37.30

DATE 25/ 1/77

TIME (PST) 1314

TAPE CZO/78/ 5- 60

LONG W123 29.90

PASS NO. 7

STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.06	5.91	21.34	43.36
2.2	2.2	27.11	5.85	21.39	10.09*
5.2	5.2	29.17	7.62	22.79	27.50
10.3	10.3	29.78	8.23	23.18	11.65
15.1	15.1	29.83	8.11	23.24	4.47
20.0	20.1	29.91	8.11	23.30	7.89
25.3	25.4	29.99	8.29	23.34	4.42
30.3	30.4	30.02	8.36	23.35	5.94*
35.0	35.2	30.14	8.33	23.45	5.83
40.2	40.3	30.16	8.21	23.48	5.39
45.2	45.4	30.22	8.20	23.53	10.18*
50.3	50.5	30.37	8.36	23.62	5.96
60.0	60.3	30.43	8.00	23.72	4.58*
70.2	70.5	30.52	7.96	23.80	5.39
80.0	80.4	30.62	7.92	23.88	6.31
90.2	90.6	30.92	8.51	24.03	7.06
100.2	100.7	31.19	8.70	24.21	6.25
110.0	110.6	31.33	8.75	24.31	5.44
120.2	120.8	31.40	8.77	24.37	3.93*
130.1	130.8	31.47	8.79	24.42	4.75*
140.2	140.9	31.52	8.79	24.45	2.56*
150.0	150.8	31.53	8.80	24.46	2.62*
160.3	161.1	31.56	8.81	24.48	2.11*
170.2	171.1	31.58	8.82	24.50	4.85*
180.1	181.0	31.59	8.83	24.51	1.57*
190.1	191.1	31.60	8.84	24.51	1.80*
200.1	201.1	31.62	8.85	24.53	1.29*
210.0	211.1	31.62	8.85	24.53	

MAX DEPTH 214.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 8 SAANICH INLET 1977
 LAT N48 39.26
 DATE 25/ 1/77
 TIME (PST) 1339

TAPE CZ0/78/ 5- 61
 LONG W123 30.13
 PASS NO. 9
 STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	26.73	6.04	21.06	27.88
2.1	2.1	27.18	6.10	21.41	24.82
5.2	5.2	28.09	6.70	22.05	38.26
10.2	10.2	29.63	7.63	23.15	10.67
15.0	15.1	29.69	7.61	23.20	7.19
20.0	20.1	29.78	7.97	23.22	10.72
25.1	25.2	29.85	7.76	23.30	4.61
30.2	30.3	29.98	7.79	23.39	4.69*
35.2	35.3	30.08	8.31	23.40	6.99
40.1	40.3	30.09	8.08	23.45	5.93
45.3	45.5	30.14	8.04	23.49	6.83*
50.1	50.3	30.22	7.92	23.57	7.29
60.0	60.3	30.44	7.98	23.73	6.02*
70.2	70.5	30.49	7.98	23.77	6.18
80.1	80.4	30.59	7.95	23.85	5.11
90.2	90.6	30.84	8.40	23.99	7.19*
100.3	100.8	31.18	8.72	24.20	5.62*
110.1	110.6	31.35	8.77	24.33	5.22
120.2	120.8	31.42	8.78	24.38	3.59*
130.3	130.9	31.48	8.79	24.43	2.77*
140.3	141.0	31.51	8.80	24.45	2.95*
150.2	150.9	31.53	8.81	24.46	2.56*
160.2	161.0	31.56	8.82	24.48	1.90*
170.0	170.9	31.57	8.83	24.49	1.66*
180.1	181.0	31.58	8.83	24.49	+

MAX DEPTH 186.2

CRUISE NO. 8 SAANICH INLET 1977
 LAT N48 41.58
 DATE 25/ 1/77
 TIME (PST) 1426

TAPE CZ0/78/ 5- 62
 LONG W123 30.15
 PASS NO. 11
 STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.77	7.19	22.53	9.50
2.1	2.1	28.96	7.23	22.67	17.20
5.1	5.2	29.21	7.37	22.85	13.45
10.2	10.3	29.55	7.49	23.10	11.17*
15.3	15.4	29.74	7.58	23.24	8.76*
20.2	20.2	29.82	7.60	23.30	6.24*
25.3	25.4	29.90	7.58	23.36	7.13
30.2	30.3	29.97	7.64	23.41	6.86*
35.2	35.3	30.07	7.67	23.48	5.33
40.1	40.3	30.14	7.76	23.53	4.51
45.2	45.4	30.21	7.89	23.56	5.03
50.2	50.4	30.23	7.91	23.57	4.21*
60.2	60.4	30.37	7.82	23.70	6.63
70.1	70.4	30.54	7.86	23.82	

MAX DEPTH 70.4

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 8 SAANICH INLET 1977

LAT N48 43.75

DATE 25/ 1/77

TIME (PST) 1448

TAPE CZ0/78/ 5- 63

LONG W123 32.46

PASS NO. 13

STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.80	7.58	23.28	.70*
2.0	2.0	29.80	7.57	23.29	.57*
5.3	5.3	29.80	7.57	23.29	1.45*
10.2	10.3	29.81	7.57	23.29	2.14*
15.1	15.2	29.81	7.58	23.30	2.83*
20.3	20.3	29.86	7.59	23.33	3.73*
25.3	25.4	29.87	7.59	23.34	4.64*
30.3	30.4	29.92	7.60	23.38	6.20
35.3	35.4	30.00	7.62	23.44	6.19
40.2	40.4	30.04	7.64	23.46	4.57*
45.2	45.3	30.07	7.65	23.49	4.56*
50.1	50.3	30.18	7.68	23.57	5.03*
60.0	60.3	30.23	7.70	23.61	4.64*
70.1	70.4	30.28	7.73	23.64	2.44*
80.1	80.4	30.29	7.73	23.65	1.65*
90.0	90.4	30.33	7.75	23.68	+

MAX DEPTH 97.7

CRUISE NO. 8 SAANICH INLET 1977

LAT N48 43.40

DATE 25/ 1/77

TIME (PST) 1528

TAPE CZ0/78/ 5- 64

LONG W123 25.07

PASS NO. 15

STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.67	7.38	23.21	6.26*
2.1	2.1	29.66	7.39	23.20	2.13*
5.3	5.3	29.72	7.38	23.25	5.55*
10.2	10.2	29.78	7.43	23.29	4.84*
15.1	15.1	29.78	7.43	23.29	+
20.0	20.1	29.79	7.44	23.29	3.42*
25.2	25.2	29.80	7.45	23.31	2.71*
30.1	30.3	29.84	7.47	23.33	5.36
35.2	35.4	29.96	7.54	23.41	7.08
40.0	40.2	30.02	7.57	23.46	4.86
45.0	45.2	30.10	7.62	23.51	5.81*
50.1	50.3	30.19	7.67	23.58	7.20
60.2	60.5	30.33	7.70	23.68	4.35*
70.2	70.5	30.35	7.69	23.70	2.43*
80.1	80.4	30.38	7.68	23.73	3.74*
90.0	90.4	30.48	7.66	23.81	7.19*

MAX DEPTH 93.0

CRUISE NO. 9

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 9 SAANICH INLET 1977

LAT N48 31.22

DATE 1/ 3/77

TIME (PST) 0946

TAPE CZ0/78/ 5- 65

LONG W123 32.27

PASS NO. 1

STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	24.36	7.59	19.03	55.28
2.1	2.1	26.59	7.57	20.78	49.95
5.2	5.2	28.69	7.71	22.40	29.98
10.3	10.3	29.53	7.87	23.04	15.07
15.2	15.3	29.74	8.11	23.16	7.69*
20.2	20.3	29.82	8.09	23.23	6.50
25.2	25.3	29.89	8.18	23.27	5.60*
30.0	30.1	29.97	8.31	23.32	5.23
35.2	35.4	30.03	8.38	23.36	5.40
40.1	40.3	30.08	8.31	23.40	5.88*
45.1	45.3	30.14	8.34	23.45	7.25
50.0	50.2	30.19	8.37	23.48	6.19*
60.2	60.5	30.30	8.40	23.56	4.06*
70.2	70.5	30.38	8.42	23.62	3.84*
80.1	80.5	30.43	8.42	23.66	3.15*
90.4	90.7	30.47	8.39	23.70	4.34
100.1	100.5	30.55	8.49	23.74	5.17
110.3	110.8	30.81	8.67	23.92	8.34
120.3	120.8	30.98	8.74	24.04	4.77
130.2	130.8	31.06	8.77	24.10	4.97*
140.1	140.7	31.12	8.79	24.14	3.21*
150.1	150.8	31.16	8.81	24.17	3.31*
160.0	160.8	31.19	8.82	24.19	1.66*

MAX DEPTH 168.3

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 9 SAANICH INLET 1977

LAT N48 33.48

DATE 1/ 3/77

TIME (PST) 1014

TAPE CZ0/78/ 5- 66

LONG W123 30.76

PASS NO. 3

STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	26.76	7.30	20.94	10.77
2.3	2.3	27.04	7.37	21.15	19.99
5.2	5.2	28.31	7.57	22.12	38.01
10.3	10.3	29.53	7.83	23.04	6.41
15.1	15.2	29.69	7.90	23.15	6.57
20.3	20.4	29.78	7.88	23.23	5.67
25.2	25.3	29.84	7.84	23.28	4.19
30.1	30.2	29.88	7.83	23.31	6.19
35.2	35.4	29.94	7.92	23.35	5.29*
40.2	40.3	30.03	7.95	23.41	5.99
45.0	45.2	30.04	7.93	23.42	9.02
50.2	50.4	30.13	7.99	23.49	6.04*
60.3	60.5	30.22	7.99	23.56	4.27*
70.1	70.4	30.33	8.06	23.64	5.82
80.1	80.5	30.35	8.00	23.65	3.03*
90.3	90.7	30.48	8.12	23.74	4.95
100.2	100.6	30.61	8.36	23.81	6.98*
110.1	110.6	30.81	8.61	23.93	6.15
120.2	120.8	31.06	8.76	24.10	5.61*
130.3	130.9	31.16	8.80	24.17	4.33*
140.2	140.9	31.17	8.80	24.18	1.86*
150.3	151.0	31.18	8.81	24.19	1.61*
160.3	161.0	31.20	8.82	24.20	1.53*
170.1	170.9	31.21	8.83	24.21	1.20*
180.1	181.0	31.21	8.83	24.21	1.32*
190.1	191.0	31.22	8.84	24.21	1.31*
200.2	201.1	31.22	8.84	24.22	+
210.1	211.1	31.23	8.84	24.22	

MAX DEPTH 211.0

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 9 SAANICH INLET 1977

LAT N48 35.33

DATE 1/ 3/77

TIME (PST) 1038

TAPE CZ0/78/ 5- 67

LONG W123 30.13

PASS NO. 5

STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	E-V
.0	.0	27.08	7.06	21.22	53.20
2.1	2.1	27.78	7.38	21.73	36.79
5.2	5.2	28.96	7.68	22.62	35.76
10.1	10.1	29.54	7.87	23.04	14.08
15.3	15.4	29.77	7.90	23.22	6.47
20.2	20.2	29.82	7.83	23.26	5.32*
25.4	25.5	29.86	7.78	23.30	5.04*
30.2	30.3	29.90	7.79	23.34	4.75*
35.2	35.3	29.94	7.80	23.36	5.14
40.3	40.5	30.02	7.81	23.43	6.26
45.1	45.3	30.06	7.87	23.45	5.96*
50.3	50.5	30.10	7.83	23.49	4.78
60.3	60.5	30.19	7.90	23.55	4.90*
70.1	70.4	30.24	7.82	23.60	3.02*
80.3	80.7	30.32	7.91	23.64	4.59*
90.1	90.5	30.51	8.17	23.76	6.44*
100.2	100.7	30.67	8.41	23.85	6.11
110.3	110.8	30.93	8.68	24.01	6.45
120.1	120.6	31.11	8.77	24.14	4.09*
130.1	130.8	31.14	8.78	24.16	4.02
140.0	140.7	31.17	8.80	24.18	2.09*
150.1	150.8	31.18	8.81	24.19	1.63*
160.3	161.0	31.19	8.82	24.20	1.57*
170.2	171.1	31.21	8.82	24.21	1.29*
180.1	181.0	31.21	8.83	24.21	1.14*
190.0	190.9	31.22	8.84	24.21	1.19*
200.1	201.0	31.22	8.84	24.22	.99*
210.1	211.1	31.23	8.85	24.22	

MAX DEPTH 215.9

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 9 SAANICH INLET 1977

LAT N48 37.30

DATE 1/ 3/77

TIME (PST) 1146

TAPE CZ0/78/ 5- 68

LONG W123 29.90

PASS NO. 7

STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	25.49	7.35	19.95	22.98
2.3	2.3	26.42	7.40	20.67	37.89
5.1	5.1	28.97	7.75	22.62	38.58
10.0	10.0	29.64	7.83	23.13	6.14
15.2	15.3	29.72	7.86	23.18	5.57*
20.0	20.1	29.79	7.82	23.24	5.08
25.0	25.1	29.80	7.82	23.26	4.90
30.1	30.2	29.84	7.77	23.29	4.66*
35.1	35.2	29.88	7.78	23.32	5.19
40.1	40.3	29.95	7.80	23.37	6.86
45.2	45.4	30.02	7.86	23.42	5.62*
50.3	50.5	30.06	7.78	23.46	5.17*
60.0	60.3	30.18	7.80	23.55	4.98*
70.0	70.3	30.27	7.86	23.61	4.09*
80.2	80.6	30.34	7.96	23.66	5.60
90.0	90.4	30.47	8.12	23.73	5.61*
100.3	100.8	30.67	8.43	23.85	6.10
110.3	110.8	30.93	8.70	24.01	6.33
120.0	120.6	31.04	8.76	24.09	4.31
130.1	130.7	31.13	8.79	24.15	3.43*
140.1	140.8	31.15	8.80	24.16	2.70*
150.1	150.8	31.17	8.81	24.18	1.86*
160.1	160.8	31.19	8.82	24.19	1.55*
170.3	171.1	31.20	8.83	24.20	1.39*
180.1	181.0	31.20	8.83	24.20	1.39*
190.1	191.0	31.21	8.84	24.21	1.14*
200.1	201.1	31.22	8.85	24.21	1.06*
210.1	211.1	31.22	8.85	24.21	

MAX DEPTH 214.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 9 SAANICH INLET 1977
 LAT N48 39.26
 DATE 1/ 3/77
 TIME (PST) 1218

TAPE CZ0/78/ 5- 69
 LONG W123 30.13
 PASS NO. 9
 STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	19.93	7.64	15.57	105.47
2.3	2.3	26.26	7.71	22.06	56.39
5.1	5.2	29.35	7.84	22.90	13.86
10.3	10.3	29.69	7.83	23.16	9.28
15.2	15.3	29.79	7.83	23.24	6.56*
20.3	20.4	29.85	7.82	23.29	5.19
25.1	25.2	29.88	7.80	23.32	4.93
30.3	30.4	29.92	7.82	23.34	3.71*
35.1	35.2	29.94	7.82	23.36	3.61*
40.3	40.4	29.96	7.83	23.37	3.80*
45.1	45.3	30.00	7.84	23.40	5.07
50.3	50.5	30.04	7.80	23.44	5.58*
60.3	60.5	30.14	7.82	23.52	5.53*
70.0	70.3	30.29	7.84	23.63	5.28*
80.2	80.5	30.40	8.01	23.69	4.90*
90.1	90.5	30.55	8.24	23.78	6.61
100.3	100.7	30.75	8.49	23.90	7.76
110.1	110.6	30.95	8.70	24.03	4.51
120.1	120.6	31.04	8.75	24.09	4.70*
130.2	130.8	31.09	8.77	24.12	3.33*
140.0	140.7	31.13	8.79	24.15	3.25*
150.2	150.9	31.17	8.80	24.18	2.46*
160.1	160.8	31.19	8.81	24.20	1.74*
170.2	171.0	31.20	8.82	24.20	1.88*

MAX DEPTH 177.3

CRUISE NO. 9 SAANICH INLET 1977
 LAT N48 41.58
 DATE 1/ 3/77
 TIME (PST) 1303

TAPE CZ0/78/ 5- 70
 LONG W123 30.15
 PASS NO. 11
 STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	26.86	7.90	20.95	34.05
2.1	2.1	28.20	7.83	22.00	34.20
5.2	5.3	29.32	7.85	22.87	11.75
10.2	10.2	29.55	7.84	23.05	11.97
15.1	15.1	29.72	7.83	23.19	4.73
20.2	20.3	29.78	7.82	23.24	5.39
25.0	25.1	29.84	7.82	23.29	6.57
30.2	30.3	29.91	7.81	23.34	6.45*
35.3	35.5	29.95	7.80	23.37	4.44*
40.2	40.4	29.98	7.79	23.40	3.92*
45.1	45.2	30.01	7.80	23.42	3.83
50.1	50.3	30.03	7.80	23.44	5.18
60.1	60.4	30.17	7.83	23.54	5.80

MAX DEPTH 69.1

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 9 SAANICH INLET 1977

LAT N48 43.75

DATE 1/ 3/77

TIME (PST) 1340

TAPE CZ0/78/ 5- 71

LONG W123 32.46

PASS NO. 13

STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.61	8.28	22.42	6.04
2.2	2.2	29.03	8.20	22.60	16.87
5.2	5.3	29.52	7.82	23.03	16.14
10.3	10.4	29.68	7.83	23.16	6.47
15.2	15.3	29.79	7.82	23.24	8.50*
20.1	20.2	29.83	7.83	23.28	4.47*
25.3	25.4	29.86	7.83	23.29	4.37*
30.1	30.3	29.90	7.83	23.33	4.56
35.1	35.2	29.94	7.83	23.36	6.13
40.3	40.4	29.97	7.83	23.39	4.21*
45.2	45.4	30.00	7.83	23.41	4.69*
50.1	50.3	30.04	7.83	23.44	6.02*
60.2	60.4	30.14	7.84	23.52	4.26*
70.1	70.3	30.21	7.84	23.57	3.43*
80.3	80.6	30.27	7.85	23.62	2.31*
90.0	90.4	30.31	7.85	23.65	9.49

MAX DEPTH 99.0

CRUISE NO. 9 SAANICH INLET 1977

LAT N48 43.40

DATE 1/ 3/77

TIME (PST) 1415

TAPE CZ0/78/ 5- 72

LONG W123 25.07

PASS NO. 15

STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.25	8.18	22.77	17.52
2.1	2.1	29.51	8.14	22.98	12.41
5.2	5.3	29.64	7.81	23.13	9.70
10.3	10.3	29.83	7.79	23.28	8.76
15.2	15.3	29.88	7.78	23.32	4.62*
20.3	20.4	29.90	7.79	23.33	4.78
25.1	25.2	29.96	7.82	23.37	5.61*
30.1	30.2	29.97	7.82	23.38	3.87*
35.1	35.3	30.02	7.83	23.43	4.64*
40.0	40.2	30.10	7.83	23.48	5.01*
45.2	45.4	30.11	7.83	23.49	3.63*
50.1	50.3	30.13	7.83	23.51	2.64*
60.2	60.5	30.18	7.83	23.55	4.76
70.0	70.3	30.27	7.83	23.62	5.92
80.0	80.4	30.44	7.83	23.75	5.59

MAX DEPTH 88.7

CRUISE NO. 10

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 10 SAANICH INLET 1977

LAT N48 31.22

DATE 6/ 4/77

TIME (PST) 1536

TAPE CZ0/78/ 5- 73

LONG W123 32.27

PASS NO.105

STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	26.94	11.91	20.40	+
2.1	2.1	27.14	11.53	20.62	32.37
5.3	5.3	28.96	8.80	22.46	42.02
10.1	10.2	29.45	8.13	22.94	8.68
15.1	15.2	29.50	8.08	22.98	5.30*
20.0	20.1	29.58	8.00	23.05	5.41*
25.3	25.4	29.60	8.04	23.07	5.00*
30.2	30.3	29.61	7.95	23.09	4.59
35.1	35.2	29.67	8.00	23.13	4.20
40.1	40.3	29.73	7.95	23.18	5.89
45.4	45.5	29.80	7.99	23.23	6.42*
50.1	50.3	29.90	8.04	23.30	7.52
60.2	60.5	30.10	8.12	23.45	8.09
70.2	70.5	30.30	8.21	23.59	6.18
80.2	80.5	30.44	8.29	23.68	5.76*
90.2	90.6	30.57	8.38	23.78	6.40
100.1	100.5	30.66	8.45	23.83	4.97
110.2	110.7	30.81	8.58	23.94	4.06*
120.3	120.8	30.89	8.63	23.99	5.84
130.2	130.8	30.99	8.71	24.06	4.54
140.1	140.8	31.08	8.76	24.12	4.28
150.2	150.9	31.12	8.78	24.15	3.88*
160.3	161.0	31.16	8.80	24.18	2.44*
170.2	171.0	31.20	8.83	24.20	

MAX DEPTH 172.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 SAANICH INLET 1977
 LAT N48 33.48
 DATE 6/ 4/77
 TIME (PST) 1510

TAPE CZ0/78/ 5- 74
 LONG W123 30.76
 PASS NO.103
 STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.59	11.12	21.03	13.72
2.1	2.1	28.07	10.09	21.57	32.33
5.1	5.1	29.32	8.13	22.84	20.94
10.1	10.1	29.43	7.98	22.94	7.14
15.0	15.1	29.50	7.92	23.01	5.43*
20.2	20.3	29.54	7.89	23.04	4.39
25.2	25.3	29.57	7.86	23.07	4.91
30.1	30.2	29.59	7.83	23.08	4.28*
35.1	35.2	29.61	7.80	23.11	3.71*
40.2	40.3	29.66	7.83	23.14	3.25*
45.0	45.2	29.68	7.84	23.15	4.24
50.1	50.3	29.76	7.88	23.21	5.96
60.2	60.4	29.96	7.94	23.36	8.32*
70.3	70.6	30.28	8.05	23.60	7.22
80.1	80.4	30.36	8.07	23.66	5.07
90.2	90.6	30.48	8.18	23.74	5.87*
100.1	100.5	30.65	8.35	23.84	6.31
110.1	110.6	30.94	8.65	24.02	5.99*
120.3	120.8	31.07	8.74	24.11	4.25*
130.3	130.9	31.12	8.78	24.15	4.26*
140.1	140.8	31.18	8.80	24.19	2.57*
150.0	150.7	31.19	8.81	24.19	1.62*
160.3	161.0	31.20	8.82	24.20	1.42*
170.2	171.0	31.21	8.83	24.21	1.08*
180.2	181.0	31.22	8.83	24.21	.81*
190.1	191.0	31.22	8.83	24.21	

MAX DEPTH 197.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 SAANICH INLET 1977
 LAT N48 35.33
 DATE 6/ 4/77
 TIME (PST) 1418

TAPE C20/78/ 5- 75
 LONG W123 30.13
 PASS NO.101
 STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.42	11.40	20.85	+
2.2	2.2	27.57	10.72	21.08	20.09
5.2	5.2	28.83	8.80	22.36	35.05
10.2	10.3	29.34	8.11	22.85	11.58
15.2	15.3	29.43	7.99	22.94	7.43*
20.3	20.3	29.47	7.98	22.97	5.52
25.2	25.2	29.57	7.87	23.06	7.15
30.1	30.2	29.61	7.83	23.10	4.52*
35.0	35.1	29.62	7.81	23.11	3.45*
40.1	40.2	29.66	7.81	23.15	4.43*
45.3	45.4	29.73	7.83	23.19	5.37
50.1	50.3	29.81	7.86	23.26	7.50
60.0	60.3	30.14	7.93	23.51	6.39*
70.3	70.6	30.33	7.98	23.64	5.70*
80.2	80.5	30.40	7.97	23.70	5.21
90.1	90.5	30.54	8.19	23.78	6.36
100.1	100.6	30.66	8.35	23.85	5.28*
110.2	110.7	30.78	8.51	23.92	6.40*
120.1	120.6	31.00	8.71	24.06	5.56*
130.0	130.7	31.09	8.77	24.13	3.82*
140.0	140.7	31.15	8.79	24.16	4.19*
150.0	150.7	31.17	8.79	24.18	2.18*
160.1	160.8	31.19	8.81	24.20	1.86*
170.2	171.0	31.20	8.82	24.20	1.40*
180.2	181.0	31.21	8.83	24.21	1.11*
190.2	191.2	31.21	8.83	24.21	.96*
200.3	201.2	31.22	8.84	24.21	.86*
210.3	211.3	31.22	8.84	24.22	

MAX DEPTH 214.0

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 10 SAANICH INLET 1977

LAT N48 37.30

DATE 6/ 4/77

TIME (PST) 1352

TAPE CZ0/78/ 5- 76

LONG W123 29.90

PASS NO. 99

STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.94	10.40	21.42	1.96
2.1	2.1	28.30	9.70	21.81	26.16
5.3	5.3	29.19	8.27	22.72	18.82
10.4	10.4	29.38	8.02	22.90	10.17
15.3	15.4	29.47	7.93	22.98	5.47*
20.3	20.4	29.49	7.92	23.00	4.65
25.2	25.3	29.56	7.89	23.05	4.25
30.3	30.4	29.59	7.86	23.08	4.68*
35.1	35.2	29.64	7.85	23.12	5.15
40.2	40.3	29.67	7.79	23.15	5.89*
45.0	45.2	29.71	7.80	23.18	5.10*
50.3	50.5	29.78	7.81	23.24	5.79
60.1	60.4	29.98	7.85	23.39	7.22
70.4	70.6	30.19	7.94	23.54	6.35
80.3	80.6	30.42	8.06	23.71	5.60*
90.3	90.7	30.52	8.13	23.77	6.42
100.2	100.6	30.70	8.42	23.87	5.99*
110.3	110.8	30.90	8.61	24.00	7.63
120.3	120.9	31.06	8.75	24.10	4.94
130.1	130.7	31.12	8.78	24.15	3.26*
140.2	140.9	31.15	8.79	24.16	2.09*
150.2	150.9	31.17	8.80	24.18	2.40*
160.0	160.8	31.19	8.81	24.20	1.29*
170.1	170.9	31.20	8.82	24.20	1.57*
180.2	181.1	31.21	8.83	24.21	1.17*
190.2	191.1	31.22	8.83	24.21	1.12*
200.3	201.3	31.22	8.84	24.21	

MAX DEPTH 208.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 SAANICH INLET 1977
 LAT N48 39.26
 DATE 6/ 4/77
 TIME (PST) 1306

TAPE CZ0/78/ 5- 77
 LONG W123 30.13
 PASS NO. 97
 STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.87	10.37	21.37	37.45
2.1	2.1	27.85	10.32	21.37	9.36*
5.1	5.1	28.85	8.70	22.39	23.90
10.1	10.1	29.39	8.00	22.91	10.34
15.2	15.2	29.45	7.94	22.96	7.07
20.3	20.3	29.51	7.91	23.02	5.90
25.2	25.2	29.56	7.93	23.05	5.12*
30.1	30.2	29.61	7.92	23.09	5.27
35.0	35.2	29.62	7.85	23.11	9.21
40.2	40.3	29.66	7.79	23.15	6.14*
45.3	45.5	29.73	7.81	23.20	5.80*
50.0	50.2	29.79	7.83	23.24	6.46*
60.1	60.4	30.10	7.86	23.48	8.99
70.3	70.5	30.24	7.88	23.59	4.46
80.3	80.6	30.33	7.91	23.65	5.13*
90.2	90.5	30.46	8.01	23.74	6.50
100.0	100.5	30.75	8.42	23.91	4.47*
110.2	110.7	30.87	8.60	23.98	5.63
120.1	120.7	31.05	8.74	24.09	4.73*
130.2	130.8	31.13	8.79	24.15	4.57*
140.1	140.7	31.16	8.80	24.17	2.56*
150.2	150.9	31.18	8.81	24.19	2.22*
160.2	160.9	31.20	8.82	24.20	1.57*
170.0	170.8	31.20	8.82	24.21	1.25*

MAX DEPTH 178.4

CRUISE NO. 10 SAANICH INLET 1977
 LAT N48 41.58
 DATE 6/ 4/77
 TIME (PST) 1244

TAPE CZ0/78/ 5- 78
 LONG W123 30.15
 PASS NO. 95
 STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.74	9.77	21.37	19.13
2.1	2.1	28.21	9.30	21.80	34.57
5.1	5.1	29.31	8.10	22.83	17.01
10.3	10.3	29.52	8.05	23.00	6.00
15.2	15.3	29.58	8.02	23.05	4.91*
20.2	20.3	29.61	8.01	23.08	4.04*
25.0	25.1	29.63	8.02	23.10	3.67*
30.2	30.3	29.66	8.01	23.12	4.15
35.3	35.4	29.69	7.99	23.14	4.73
40.2	40.4	29.74	7.98	23.19	5.56
45.0	45.2	29.76	7.97	23.20	4.87*
50.1	50.3	29.81	7.99	23.24	4.96*
60.3	60.5	29.85	7.97	23.27	5.43

MAX DEPTH 68.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 10 SAANICH INLET 1977
 LAT N48 43.75
 DATE 6/ 4/77
 TIME (PST) 1221

TAPE CZ0/78/ 5- 79
 LONG W123 32.46
 PASS NO. 93
 STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.64	8.63	22.23	26.12
2.3	2.3	28.63	8.60	22.23	6.89*
5.3	5.3	29.43	8.25	22.90	17.73
10.1	10.1	29.58	8.11	23.04	9.34
15.2	15.3	29.66	8.05	23.11	5.44*
20.1	20.2	29.68	8.04	23.13	2.92*
25.2	25.2	29.69	8.03	23.14	2.97*
30.1	30.2	29.71	8.02	23.15	3.23
35.2	35.3	29.72	8.02	23.16	4.56
40.3	40.5	29.77	8.00	23.20	3.61*
45.1	45.3	29.77	8.00	23.20	2.77
50.2	50.3	29.79	8.00	23.22	3.82*
60.2	60.4	29.81	7.99	23.23	1.65*
70.3	70.5	29.82	7.98	23.25	2.81*
80.1	80.4	29.91	7.98	23.32	5.13*

MAX DEPTH 81.2

CRUISE NO. 10 SAANICH INLET 1977
 LAT N48 43.40
 DATE 6/ 4/77
 TIME (PST) 1115

TAPE CZ0/78/ 5- 80
 LONG W123 25.07
 PASS NO. 91
 STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.67	9.02	22.20	14.31
2.0	2.1	28.92	8.65	22.45	17.26
5.1	5.1	29.52	8.10	23.00	17.59
10.0	10.0	29.80	8.06	23.22	8.71
15.1	15.2	29.88	8.06	23.28	8.31*
20.1	20.2	30.05	8.03	23.42	6.35*
25.1	25.2	30.06	8.03	23.43	2.99*
30.3	30.4	30.06	8.03	23.43	3.68
35.3	35.5	30.08	8.03	23.45	4.57*
40.1	40.3	30.10	8.03	23.46	1.45*
45.0	45.2	30.09	8.03	23.45	1.75*
50.1	50.3	30.08	8.03	23.45	2.42
60.2	60.4	30.08	8.03	23.45	+
70.2	70.5	30.28	7.97	23.61	7.98*
80.2	80.5	30.33	7.95	23.65	11.48
90.1	90.5	30.66	7.89	23.92	6.67

MAX DEPTH 94.0

CRUISE NO. 11

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 11 SAANICH INLET 1977

LAT N48 31.22

DATE 3/ 5/77

TIME (PST) 0927

TAPE CZ0/78/ 5- 81

LONG W123 32.27

PASS NO. 1

STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.46	12.27	21.50	+
2.1	2.1	28.54	12.16	21.59	25.40
5.1	5.1	29.57	9.33	22.85	10.99
10.2	10.2	29.63	8.93	22.96	6.88
15.2	15.2	29.66	8.86	22.99	5.61*
20.2	20.3	29.69	8.62	23.05	5.93
25.3	25.4	29.72	8.45	23.10	4.74
30.1	30.2	29.75	8.28	23.15	6.29
35.1	35.2	29.78	8.19	23.19	5.55*
40.1	40.3	29.81	8.09	23.23	5.84
45.0	45.2	29.89	8.06	23.29	6.94
50.2	50.4	29.96	8.05	23.35	7.97
60.1	60.3	30.29	8.15	23.59	7.46
70.2	70.5	30.54	8.27	23.77	5.49*
80.2	80.5	30.63	8.33	23.83	2.76*
90.1	90.5	30.66	8.36	23.85	3.24*
100.1	100.6	30.72	8.41	23.89	3.16*
110.2	110.7	30.76	8.44	23.92	5.16
120.0	120.6	30.92	8.61	24.02	4.40*
130.2	130.8	30.96	8.65	24.04	4.85*
140.3	140.9	31.06	8.73	24.11	2.77*
150.2	150.9	31.08	8.75	24.12	2.22*
160.1	160.9	31.13	8.78	24.15	1.93*
170.1	170.9	31.15	8.79	24.17	

MAX DEPTH 171.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 11 SAANICH INLET 1977
 LAT N48 33.48
 DATE 3/ 5/77
 TIME (PST) 0950

TAPE CZ0/78/ 5- 82
 LONG W123 30.76
 PASS NO. 3
 STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.60	12.38	21.59	1.53
2.1	2.1	28.66	12.09	21.69	18.67
5.1	5.1	29.40	9.90	22.64	16.96
10.2	10.2	29.53	9.19	22.85	11.49*
15.3	15.3	29.65	9.00	22.97	7.03
20.3	20.4	29.69	8.89	23.01	5.63*
25.2	25.2	29.70	8.78	23.04	4.99*
30.1	30.2	29.72	8.53	23.09	5.04
35.0	35.1	29.73	8.42	23.12	5.14*
40.1	40.3	29.77	8.23	23.17	5.33
45.3	45.5	29.81	8.09	23.22	6.20
50.2	50.3	29.83	8.07	23.24	7.63*
60.1	60.3	30.12	8.03	23.47	8.33*
70.2	70.5	30.52	8.22	23.76	6.75
80.1	80.4	30.59	8.20	23.82	3.39*
90.1	90.5	30.69	8.28	23.88	4.12
100.2	100.6	30.78	8.36	23.94	5.37*
110.1	110.6	30.89	8.51	24.01	4.23
120.1	120.6	31.03	8.70	24.09	5.43*
130.1	130.7	31.11	8.77	24.14	3.74*
140.1	140.8	31.17	8.81	24.18	2.63*
150.0	150.7	31.18	8.81	24.19	1.39*
160.1	160.9	31.19	8.82	24.20	1.04*
170.1	170.9	31.20	8.83	24.20	1.12*
180.2	181.0	31.21	8.83	24.21	.91*
190.2	191.1	31.21	8.83	24.21	1.16*
200.0	201.0	31.21	8.84	24.21	
210.1	211.1	31.22	8.84	24.22	

MAX DEPTH 210.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 11 SAANICH INLET 1977
 LAT N48 35.33
 DATE 3/ 5/77
 TIME (PST) 1015

TAPE CZ0/78/ 5- 83
 LONG W123 30.13
 PASS NO. 5
 STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.05	11.20	22.15	15.94
2.1	2.1	29.01	11.24	22.11	5.37*
5.2	5.2	29.13	10.81	22.28	13.83
10.1	10.2	29.58	9.22	22.88	11.73
15.1	15.2	29.69	8.82	23.03	10.61*
20.1	20.2	29.69	8.77	23.03	4.44*
25.3	25.4	29.72	8.51	23.09	4.82*
30.3	30.4	29.76	8.38	23.14	5.12*
35.2	35.4	29.78	8.25	23.18	4.89*
40.1	40.2	29.80	8.18	23.20	4.65
45.3	45.4	29.82	8.11	23.23	4.32
50.2	50.4	29.87	8.08	23.27	6.68*
60.2	60.4	30.20	7.99	23.54	9.82
70.3	70.6	30.49	8.09	23.75	4.16
80.3	80.6	30.60	8.15	23.83	4.20
90.1	90.5	30.66	8.20	23.87	3.83*
100.1	100.6	30.73	8.23	23.92	7.39
110.0	110.5	30.86	8.35	24.01	7.46
120.2	120.8	30.99	8.68	24.06	4.67*
130.1	130.7	31.09	8.76	24.12	3.41*
140.0	140.7	31.13	8.79	24.15	3.04*
150.2	150.9	31.16	8.80	24.18	+
160.1	160.8	31.19	8.82	24.19	1.99*
170.1	170.9	31.19	8.82	24.20	1.36*
180.1	181.0	31.20	8.83	24.20	.87*
190.1	191.0	31.21	8.83	24.21	1.16*
200.1	201.0	31.21	8.83	24.21	
210.1	211.1	31.22	8.84	24.21	

MAX DEPTH 211.5

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 11 SAANICH INLET 1977

LAT N48 37.30

DATE 4/ 5/77

TIME (PST) 1022

TAPE CZ0/78/ 5- 84

LONG W123 29.90

PASS NO. 7

STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.13	10.79	22.28	+
2.1	2.1	29.17	10.60	22.35	16.94
5.1	5.1	29.53	9.42	22.81	16.82
10.0	10.1	29.60	9.10	22.92	8.63*
15.2	15.3	29.67	8.97	22.99	6.46
20.4	20.5	29.75	8.85	23.06	6.38*
25.0	25.1	29.78	8.78	23.10	5.48*
30.1	30.2	29.81	8.65	23.15	5.00*
35.3	35.4	29.80	8.33	23.18	4.53*
40.4	40.5	29.82	8.25	23.21	5.86
45.1	45.3	29.85	8.10	23.25	6.40*
50.2	50.4	29.94	8.06	23.33	7.87
60.0	60.3	30.30	8.03	23.62	7.20
70.5	70.8	30.52	8.11	23.78	7.30
80.2	80.6	30.58	8.14	23.81	3.90*
90.1	90.5	30.65	8.10	23.87	4.93
100.1	100.5	30.71	8.14	23.92	3.21*
110.1	110.6	30.76	8.16	23.95	3.74
120.0	120.6	30.87	8.30	24.02	5.28
130.2	130.8	30.96	8.38	24.08	6.43
140.1	140.8	31.11	8.74	24.14	4.63*
150.2	151.0	31.16	8.80	24.18	2.76*
160.0	160.8	31.18	8.81	24.19	2.18
170.0	170.8	31.20	8.82	24.20	1.99*
180.2	181.0	31.20	8.83	24.20	.99*
190.4	191.3	31.21	8.83	24.21	+
200.1	201.1	31.21	8.84	24.21	+

MAX DEPTH 200.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 11 SAANICH INLET 1977
 LAT N48 39.26
 DATE 4/ 5/77
 TIME (PST) 1054

TAPE CZ0/78/ 5- 85
 LONG W123 30.13
 PASS NO. 9
 STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.85	11.46	21.95	4.99
2.1	2.1	28.85	11.44	21.96	5.94
5.1	5.1	28.87	11.29	21.99	10.94
10.2	10.3	29.43	9.55	22.72	15.57
15.3	15.3	29.66	8.63	23.03	11.57
20.4	20.5	29.73	8.28	23.13	5.75
25.1	25.2	29.79	8.19	23.19	6.29
30.3	30.4	29.83	8.18	23.23	4.64
35.2	35.3	29.84	8.17	23.24	4.78*
40.1	40.2	29.88	8.11	23.28	5.02
45.1	45.2	29.92	8.06	23.31	4.98
50.3	50.5	29.94	8.07	23.33	4.87*
60.0	60.3	30.10	8.00	23.46	5.69
70.2	70.5	30.39	8.06	23.68	7.47*
80.1	80.4	30.52	8.11	23.77	4.52*
90.2	90.6	30.57	8.12	23.81	6.84
100.0	100.5	30.67	8.18	23.88	4.87
110.3	110.8	30.89	8.37	24.03	7.47*
120.2	120.7	30.96	8.58	24.05	4.64
130.1	130.7	31.12	8.77	24.14	3.65*
140.3	140.9	31.16	8.80	24.17	2.14*
150.0	150.7	31.17	8.80	24.18	1.69*
160.1	160.8	31.17	8.81	24.18	

MAX DEPTH 163.0

CRUISE NO. 11 SAANICH INLET 1977
 LAT N48 41.58
 DATE 4/ 5/77
 TIME (PST) 1158

TAPE CZ0/78/ 5- 86
 LONG W123 30.15
 PASS NO. 11
 STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.77	11.47	21.89	26.24
2.1	2.1	28.54	12.15	21.59	7.51*
5.3	5.3	29.48	9.55	22.75	19.74
10.2	10.2	29.55	9.16	22.86	13.24
15.2	15.2	29.73	8.85	23.05	8.07
20.1	20.2	29.77	8.76	23.10	5.60*
25.3	25.4	29.83	8.66	23.15	4.08*
30.1	30.2	29.83	8.64	23.16	2.84*
35.2	35.3	29.84	8.60	23.17	5.23
40.0	40.2	29.90	8.50	23.23	8.01
45.3	45.5	30.00	8.47	23.31	5.26
50.1	50.3	30.01	8.45	23.33	5.36*
60.1	60.3	30.24	8.36	23.52	12.41

MAX DEPTH 68.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 11 SAANICH INLET 1977
 LAT N48 43.75
 DATE 4/ 5/77
 TIME (PST) 1221

TAPE CZ0/78/ 5- 87
 LONG W123 32.46
 PASS NO. 13
 STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.64	8.97	22.96	6.52
2.2	2.2	29.61	9.00	22.93	2.46*
5.1	5.1	29.68	8.90	23.01	6.36
10.2	10.2	29.74	8.79	23.06	6.19
15.2	15.2	29.78	8.71	23.11	5.16*
20.2	20.3	29.83	8.66	23.16	4.94*
25.2	25.3	29.85	8.64	23.17	4.37*
30.1	30.2	29.88	8.60	23.21	3.68*
35.1	35.3	29.89	8.60	23.22	2.37*
40.2	40.3	29.89	8.60	23.21	1.80
45.3	45.4	29.91	8.58	23.23	4.34
50.1	50.2	29.97	8.52	23.29	5.36*
60.0	60.3	30.02	8.49	23.33	4.90*
70.1	70.4	30.10	8.42	23.40	4.31
80.1	80.4	30.12	8.40	23.42	4.52*
90.2	90.5	30.13	8.41	23.43	+
100.5	100.9	30.14	8.41	23.44	

MAX DEPTH 103.5

CRUISE NO. 11 SAANICH INLET 1977
 LAT N48 43.40
 DATE 4/ 5/77
 TIME (PST) 1303

TAPE CZ0/78/ 5- 88
 LONG W123 25.07
 PASS NO. 15
 STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.03	10.41	22.26	86.26
2.1	2.1	28.85	10.73	22.07	44.92
5.1	5.1	29.27	9.91	22.53	21.72
10.1	10.1	29.88	8.71	23.19	8.73
15.2	15.2	30.00	8.60	23.30	5.39
20.3	20.4	30.02	8.58	23.32	3.51*
25.1	25.2	30.03	8.57	23.33	2.66
30.2	30.3	30.04	8.57	23.33	3.97*
35.0	35.2	30.04	8.56	23.34	2.41*
40.4	40.6	30.04	8.56	23.34	5.03*
45.2	45.4	30.05	8.55	23.34	8.01*
50.1	50.3	30.26	8.45	23.52	6.28
60.2	60.4	30.33	8.40	23.58	2.87
70.1	70.4	30.33	8.40	23.58	3.93*
80.0	80.3	30.50	8.31	23.73	10.77

MAX DEPTH 87.3

CRUISE NO. 12

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 12 SAANICH INLET 1977

LAT N48 31.22

DATE 3/ 6/77

TIME (PST) 0841

TAPE CZ0/78/ 5- 89

LONG W123 32.27

PASS NO. 1

STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.71	10.21	22.82	3.82
2.0	2.0	29.72	10.17	22.84	8.37
5.0	5.0	29.81	9.36	23.04	13.41
10.1	10.2	29.84	8.62	23.17	6.88*
15.2	15.2	29.84	8.51	23.19	4.49*
20.2	20.3	29.86	8.40	23.22	5.19*
25.3	25.4	29.88	8.33	23.25	6.02*
30.1	30.2	29.95	8.21	23.32	5.23
35.0	35.1	30.00	8.17	23.36	7.93
40.1	40.3	30.13	8.14	23.47	6.40*
45.2	45.4	30.18	8.15	23.50	6.94
50.0	50.2	30.26	8.16	23.56	7.38
60.1	60.4	30.43	8.22	23.69	6.34*
70.1	70.4	30.53	8.28	23.76	4.16
80.2	80.5	30.63	8.33	23.83	6.06
90.3	90.7	30.77	8.43	23.92	5.25*
100.1	100.5	30.86	8.50	23.98	4.52
110.1	110.6	30.99	8.63	24.07	5.15*
120.2	120.8	31.10	8.73	24.14	4.00*
130.2	130.8	31.14	8.77	24.16	4.21*
140.1	140.8	31.16	8.78	24.17	1.37*
150.0	150.7	31.17	8.80	24.18	1.95*
160.2	160.9	31.19	8.82	24.20	

MAX DEPTH 161.8

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 12 SAANICH INLET 1977

LAT N48 33.48

DATE 3/ 6/77

TIME (PST) 0912

TAPE CZ0/78/ 5- 90

LONG W123 30.76

PASS NO. 3

STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.78	10.56	22.82	3.68
2.1	2.1	29.75	10.27	22.84	8.51
5.3	5.3	29.84	9.38	23.06	6.92
10.1	10.2	29.90	8.67	23.21	6.72*
15.3	15.4	29.95	8.46	23.28	5.90
20.1	20.2	29.95	8.35	23.30	6.54
25.2	25.3	30.02	8.24	23.36	7.56
30.1	30.2	30.12	8.28	23.43	6.84*
35.3	35.4	30.17	8.30	23.48	5.76*
40.3	40.4	30.29	8.37	23.55	4.57*
45.1	45.3	30.32	8.42	23.57	4.56*
50.1	50.3	30.32	8.24	23.60	4.92*
60.1	60.3	30.44	8.27	23.69	7.16*
70.1	70.4	30.52	8.32	23.74	4.44
80.4	80.7	30.59	8.30	23.80	4.34
90.2	90.6	30.63	8.33	23.83	4.97
100.1	100.6	30.78	8.40	23.93	6.03*
110.3	110.7	30.83	8.43	23.97	4.28
120.3	120.9	30.96	8.53	24.06	5.37
130.2	130.8	31.05	8.66	24.11	4.65*
140.0	140.7	31.16	8.78	24.18	3.92*
150.1	150.8	31.18	8.81	24.19	2.04*
160.2	161.0	31.19	8.81	24.20	1.42*
170.1	170.9	31.19	8.82	24.20	1.43*
180.3	181.1	31.21	8.82	24.21	1.52*
190.2	191.1	31.21	8.83	24.21	1.39*
200.3	201.2	31.22	8.83	24.21	
210.4	211.4	31.22	8.83	24.21	+

MAX DEPTH 212.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 12 SAANICH INLET 1977
 LAT N48 35.33
 DATE 3/ 6/77
 TIME (PST) 0936

TAPE CZ0/78/ 5- 91
 LONG W123 30.13
 PASS NO. 5
 STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.79	11.52	22.67	8.04
2.3	2.3	29.76	11.01	22.73	12.06
5.3	5.3	29.78	9.89	22.93	16.45
10.2	10.2	29.91	9.36	23.12	11.04
15.1	15.1	29.93	9.10	23.17	6.92*
20.4	20.5	29.91	8.42	23.25	5.49*
25.3	25.4	29.92	8.25	23.29	5.27*
30.1	30.2	30.00	8.41	23.33	5.32*
35.3	35.4	30.06	8.45	23.37	5.58*
40.0	40.2	30.13	8.47	23.42	5.12
45.0	45.2	30.23	8.62	23.47	6.27
50.1	50.3	30.30	8.51	23.55	6.88*
60.4	60.6	30.41	8.38	23.65	8.65
70.0	70.3	30.54	8.69	23.71	4.94
80.4	80.7	30.61	8.50	23.79	5.57*
90.1	90.5	30.64	8.34	23.83	4.80*
100.0	100.5	30.77	8.41	23.93	3.99*
110.1	110.6	30.87	8.45	24.00	6.64
120.1	120.7	30.98	8.56	24.07	5.06*
130.0	130.6	31.11	8.74	24.15	5.49*
140.2	140.8	31.16	8.79	24.17	2.26*
150.1	150.8	31.17	8.80	24.18	2.08*
160.1	160.8	31.19	8.81	24.19	1.50*
170.2	171.0	31.20	8.81	24.21	1.31*
180.0	180.9	31.21	8.82	24.21	1.15*
190.0	190.9	31.21	8.83	24.21	1.33*
200.1	201.0	31.22	8.83	24.22	.91*
210.3	211.3	31.23	8.84	24.22	.99*
220.1	221.1	31.23	8.85	24.22	

MAX DEPTH 223.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 12 SAANICH INLET 1977
 LAT N48 37.30
 DATE 3/ 6/77
 TIME (PST) 1029

TAPE CZ0/78/ 5- 92
 LONG W123 29.90
 PASS NO. 7
 STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.82	11.15	22.75	16.18
2.0	2.0	29.79	11.31	22.70	4.57*
5.3	5.3	29.81	10.12	22.92	11.82
10.1	10.2	30.00	8.95	23.25	7.45
15.2	15.2	30.04	9.01	23.27	9.38
20.0	20.1	30.08	9.16	23.28	5.98*
25.2	25.3	30.09	8.77	23.35	8.85
30.0	30.2	30.12	8.73	23.37	11.06
35.3	35.4	30.16	8.53	23.43	6.94*
40.1	40.2	30.20	8.53	23.47	5.48*
45.2	45.4	30.26	8.40	23.53	4.93*
50.2	50.4	30.32	8.44	23.57	6.60
60.1	60.4	30.44	8.34	23.68	6.08*
70.1	70.4	30.53	8.31	23.76	3.98*
80.1	80.5	30.64	8.31	23.84	4.63
90.1	90.5	30.69	8.40	23.87	3.17*
100.0	100.5	30.74	8.34	23.91	6.66*
110.4	110.9	30.81	8.38	23.96	4.03*
120.1	120.7	30.89	8.43	24.02	3.25*
130.1	130.7	30.95	8.50	24.05	5.53
140.0	140.7	31.03	8.63	24.10	5.14
150.2	150.9	31.11	8.71	24.15	3.39*
160.4	161.1	31.17	8.78	24.18	2.71*
170.0	170.8	31.19	8.80	24.19	1.59*
180.1	181.0	31.20	8.81	24.21	1.67*
190.2	191.1	31.21	8.82	24.21	1.46*
200.1	201.0	31.22	8.82	24.21	1.22*

MAX DEPTH 208.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 12 SAANICH INLET 1977
 LAT N48 39.26
 DATE 3/ 6/77
 TIME (PST) 1056

TAPE CZ0/78/ 5- 93
 LONG W123 30.13
 PASS NO. 9
 STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.74	11.28	22.67	4.53
2.2	2.2	29.79	11.05	22.75	12.75
5.2	5.3	29.77	9.68	22.96	20.74
10.1	10.1	29.89	9.00	23.16	11.28*
15.1	15.1	30.02	9.33	23.21	2.88*
20.0	20.1	30.08	9.27	23.26	4.18
25.2	25.3	30.13	9.21	23.31	5.76
30.3	30.4	30.17	9.13	23.35	5.29*
35.5	35.6	30.17	8.95	23.38	3.46*
40.0	40.2	30.14	8.62	23.41	4.09*
45.1	45.2	30.19	8.61	23.44	4.74*
50.2	50.4	30.28	8.88	23.47	7.20
60.2	60.5	30.46	8.85	23.62	7.32
70.1	70.4	30.64	8.62	23.79	5.02*
80.1	80.4	30.68	8.56	23.84	5.41*
90.1	90.5	30.72	8.40	23.89	4.21*
100.2	100.7	30.78	8.35	23.94	5.04
110.4	110.9	30.91	8.47	24.02	4.73*
120.2	120.7	31.00	8.59	24.08	3.75*
130.2	130.9	31.08	8.69	24.13	3.03*
140.2	140.8	31.17	8.79	24.18	3.21*
150.1	150.8	31.19	8.81	24.19	2.05*
160.1	160.9	31.20	8.81	24.20	1.77*
170.0	170.8	31.20	8.82	24.20	+

MAX DEPTH 171.0

CRUISE NO. 12 SAANICH INLET 1977
 LAT N48 41.58
 DATE 3/ 6/77
 TIME (PST) 1142

TAPE CZ0/78/ 5- 94
 LONG W123 30.15
 PASS NO. 11
 STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.77	11.52	22.65	31.58
2.0	2.0	29.91	10.76	22.89	19.78
5.0	5.0	30.00	10.02	23.08	8.84
10.1	10.2	30.05	9.77	23.16	5.13*
15.1	15.2	30.05	9.68	23.17	4.51*
20.2	20.3	30.03	9.61	23.17	4.72*
25.0	25.1	30.11	9.46	23.25	4.01*
30.1	30.3	30.14	9.43	23.28	3.06*
35.3	35.5	30.15	9.42	23.29	3.65
40.3	40.5	30.22	9.32	23.36	5.79
45.2	45.3	30.23	9.28	23.38	7.06*
50.3	50.5	30.35	9.15	23.49	6.82
60.3	60.5	30.42	8.87	23.59	6.65*

MAX DEPTH 67.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 12 SAANICH INLET 1977
 LAT N48 43.75
 DATE 3/ 6/77
 TIME (PST) 1206

TAPE CZ0/78/ 5- 95
 LONG W123 32.46
 PASS NO. 13
 STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.06	9.57	23.20	+
2.2	2.2	30.07	9.51	23.22	1.65*
5.0	5.0	30.09	9.45	23.24	4.09
10.3	10.4	30.12	9.40	23.27	8.67
15.0	15.1	30.17	9.34	23.32	4.56*
20.1	20.2	30.18	9.32	23.33	2.23*
25.1	25.2	30.19	9.32	23.34	3.08*
30.3	30.4	30.21	9.30	23.36	4.34
35.1	35.3	30.29	9.23	23.43	7.83
40.1	40.2	30.36	9.17	23.49	5.38
45.2	45.4	30.39	9.14	23.52	6.29
50.2	50.4	30.41	9.11	23.54	3.43*
60.3	60.5	30.43	9.11	23.56	3.17*
70.3	70.6	30.48	9.07	23.60	4.88*
80.0	80.4	30.58	8.89	23.71	+

MAX DEPTH 80.1

CRUISE NO. 12 SAANICH INLET 1977
 LAT N48 43.40
 DATE 3/ 6/77
 TIME (PST) 1250

TAPE CZ0/78/ 5- 96
 LONG W123 25.07
 PASS NO. 15
 STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.04	10.62	23.02	21.79
2.0	2.0	30.00	9.97	23.09	14.03
5.3	5.3	30.05	9.78	23.16	4.73
10.0	10.1	30.19	9.50	23.31	11.51
15.2	15.3	30.40	9.22	23.52	6.47
20.0	20.1	30.44	9.26	23.55	8.34
25.1	25.2	30.49	9.14	23.60	4.35*
30.1	30.3	30.52	9.10	23.63	2.90*
35.2	35.3	30.52	9.10	23.63	2.02*
40.2	40.4	30.52	9.08	23.63	1.33*
45.0	45.2	30.52	9.08	23.64	1.55*
50.0	50.2	30.52	9.08	23.63	1.72*
60.4	60.7	30.52	9.07	23.64	1.59*
70.0	70.3	30.54	9.05	23.65	1.45*
80.3	80.6	30.58	9.01	23.69	4.36

MAX DEPTH 88.7

CRUISE NO. 13

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 13 SAANICH INLET 1977
 LAT N48 31.22
 DATE 4/ 7/77
 TIME (PST) 0913

TAPE CZ0/78/ 5- 97
 LONG W123 32.27
 PASS NO. 1
 STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.63	12.38	22.39	5.21*
2.2	2.2	29.63	12.44	22.38	2.14*
5.1	5.1	29.66	12.26	22.43	5.57*
10.2	10.3	29.67	12.08	22.48	5.93*
15.0	15.1	29.69	11.72	22.55	6.28*
20.5	20.5	29.69	11.59	22.58	6.40*
25.3	25.4	29.72	11.37	22.64	6.48*
30.0	30.1	29.74	11.20	22.68	10.36
35.2	35.3	29.74	10.94	22.72	8.11
40.3	40.4	29.84	10.49	22.88	6.93
45.1	45.2	29.88	10.12	22.97	8.08*
50.2	50.4	29.91	9.55	23.09	9.03
60.2	60.5	30.16	8.65	23.42	9.05
70.6	70.9	30.35	8.41	23.60	9.28
80.2	80.6	30.57	8.36	23.78	6.98
90.0	90.4	30.68	8.39	23.86	6.38
100.1	100.5	30.72	8.42	23.89	3.49
110.5	111.0	30.78	8.47	23.93	5.60*
120.0	120.6	30.90	8.56	24.00	5.24*
130.1	130.7	30.98	8.63	24.06	3.86*
140.1	140.8	31.02	8.66	24.09	2.91*
150.4	151.1	31.11	8.75	24.14	3.39*
160.1	160.8	31.15	8.79	24.17	2.19*
170.1	170.9	31.17	8.80	24.18	

MAX DEPTH 172.2

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 13 SAANICH INLET 1977

LAT N48 33.48

DATE 4/ 7/77

TIME (PST) 0941

TAPE CZ0/78/ 5- 98

LONG W123 30.76

PASS NO. 3

STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.56	13.39	22.14	5.59
2.0	2.0	29.60	13.11	22.23	10.96
5.1	5.1	29.57	12.59	22.31	8.70
10.2	10.2	29.64	12.46	22.38	8.89*
15.0	15.1	29.60	12.09	22.42	6.51
20.2	20.2	29.63	11.62	22.53	8.00
25.3	25.4	29.72	11.28	22.65	4.54
30.2	30.3	29.75	10.89	22.75	6.08*
35.0	35.1	29.75	10.73	22.77	6.05*
40.2	40.3	29.77	10.64	22.80	5.50*
45.2	45.3	29.81	10.45	22.86	7.28
50.0	50.2	29.86	9.89	22.99	10.85
60.4	60.6	30.05	8.86	23.30	8.91
70.1	70.4	30.34	8.56	23.57	7.05
80.1	80.4	30.58	8.43	23.78	5.06
90.3	90.7	30.67	8.51	23.83	4.63*
100.1	100.6	30.76	8.46	23.91	5.17*
110.1	110.6	30.85	8.50	23.97	5.36
120.3	120.9	30.94	8.57	24.03	4.63
130.1	130.7	31.06	8.69	24.11	4.38*
140.1	140.8	31.12	8.75	24.15	3.53*
150.1	150.8	31.16	8.79	24.17	1.44*
160.1	160.9	31.17	8.80	24.18	1.46*
170.0	170.8	31.18	8.81	24.19	1.75*
180.4	181.3	31.19	8.82	24.19	2.74*
190.3	191.2	31.19	8.82	24.20	.85*
200.2	201.2	31.19	8.82	24.20	1.25*
210.1	211.0	31.20	8.83	24.20	

MAX DEPTH 212.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 13 SAANICH INLET 1977
 LAT N48 35.33
 DATE 4/ 7/77
 TIME (PST) 1008

TAPE CZ0/78/ 5- 99
 LONG W123 30.13
 PASS NO. 5
 STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.66	13.73	22.15	6.13
2.1	2.1	29.63	13.51	22.18	2.22*
5.0	5.0	29.65	13.37	22.21	5.58
10.0	10.0	29.57	12.51	22.32	5.03
15.2	15.2	29.61	11.84	22.47	8.41*
20.3	20.4	29.67	11.23	22.63	8.29
25.3	25.4	29.69	10.96	22.68	4.86
30.1	30.2	29.75	10.64	22.79	9.07
35.1	35.2	29.82	10.50	22.86	6.51*
40.0	40.2	29.82	10.48	22.87	4.57
45.3	45.4	29.87	10.16	22.95	5.99
50.0	50.2	29.91	9.88	23.03	7.05
60.1	60.3	30.11	9.28	23.28	10.79
70.1	70.3	30.38	8.87	23.56	8.57*
80.3	80.6	30.60	8.50	23.78	7.83
90.0	90.4	30.68	8.63	23.82	3.03*
100.1	100.5	30.72	8.51	23.87	3.41
110.2	110.7	30.80	8.48	23.94	4.62*
120.4	121.0	30.88	8.50	24.00	4.64
130.3	130.9	30.98	8.62	24.06	4.48*
140.2	140.8	31.10	8.73	24.14	5.72*
150.0	150.7	31.15	8.78	24.17	4.39
160.2	161.0	31.18	8.79	24.19	1.85*
170.2	171.0	31.18	8.81	24.19	1.13*
180.4	181.3	31.19	8.82	24.19	1.41*
190.1	191.0	31.19	8.82	24.20	1.20*
200.1	201.1	31.20	8.82	24.20	1.07*
210.1	211.1	31.20	8.83	24.20	.89*
220.1	221.1	31.21	8.84	24.20	

MAX DEPTH 223.3

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 13 SAANICH INLET 1977

LAT N48 37.30

DATE 4/ 7/77

TIME (PST) 1102

TAPE CZ0/78/ 5-100

LONG W123 29.90

PASS NO. 7

STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.52	14.23	21.95	12.28*
2.1	2.1	29.54	13.85	22.04	12.26*
5.1	5.2	29.54	13.19	22.17	12.23*
10.1	10.1	29.51	11.54	22.45	10.60
15.1	15.2	29.52	11.30	22.50	8.64
20.2	20.2	29.63	11.22	22.60	6.64*
25.0	25.1	29.69	11.20	22.65	8.03*
30.1	30.2	29.81	10.94	22.78	7.31
35.1	35.2	29.80	10.66	22.82	6.50*
40.2	40.4	29.83	10.36	22.90	5.92
45.0	45.2	29.86	10.18	22.94	8.31
50.4	50.6	29.90	10.07	22.99	6.33*
60.3	60.5	30.00	9.41	23.18	10.72
70.1	70.4	30.62	9.09	23.71	10.15*
80.0	80.4	30.62	8.67	23.77	8.74*
90.3	90.7	30.71	8.52	23.86	5.12
100.5	100.9	30.73	8.49	23.89	3.93
110.1	110.6	30.80	8.46	23.94	4.23*
120.1	120.7	30.90	8.53	24.01	8.82*
130.2	130.8	30.99	8.62	24.07	4.65*
140.1	140.8	31.07	8.71	24.12	3.80*
150.3	151.0	31.13	8.76	24.16	3.05*
160.1	160.9	31.15	8.80	24.17	2.37*
170.5	171.3	31.17	8.81	24.18	1.75*
180.1	180.9	31.18	8.81	24.19	1.74*
190.2	191.1	31.20	8.82	24.20	4.36
200.1	201.0	31.20	8.83	24.20	1.47*
210.1	211.1	31.20	8.83	24.20	.89*

MAX DEPTH 213.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 13 SAANICH INLET 1977
 LAT N48 39.26
 DATE 4/ 7/77
 TIME (PST) 1128

TAPE CZ0/78/ 5-101
 LONG W123 30.13
 PASS NO. 9
 STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.55	14.16	21.98	12.27
2.0	2.0	29.58	13.87	22.06	10.29
5.2	5.2	29.44	13.24	22.08	12.87
10.0	10.0	29.42	12.03	22.29	10.47
15.1	15.2	29.45	11.34	22.43	15.36
20.1	20.2	29.63	11.42	22.56	9.34*
25.3	25.4	29.73	11.11	22.69	8.62
30.1	30.2	29.80	10.87	22.79	5.70
35.4	35.6	29.84	10.74	22.84	6.68*
40.2	40.4	29.88	10.48	22.91	7.25*
45.0	45.2	29.84	10.28	22.91	7.81*
50.0	50.2	29.93	9.77	23.07	6.99
60.2	60.4	30.17	9.19	23.34	14.93*
70.4	70.6	30.46	8.92	23.61	8.57*
80.2	80.5	30.67	8.79	23.80	5.21*
90.4	90.8	30.73	8.85	23.83	5.23
100.5	100.9	30.76	8.70	23.88	6.01*
110.1	110.6	30.83	8.48	23.96	4.95*
120.4	120.9	30.95	8.55	24.04	4.16*
130.2	130.8	30.98	8.61	24.06	3.92*
140.4	141.0	31.08	8.71	24.13	4.19*
150.3	151.0	31.15	8.79	24.17	2.64*
160.2	160.9	31.17	8.81	24.18	1.47*
170.1	170.9	31.18	8.82	24.19	+

MAX DEPTH 176.8

CRUISE NO. 13 SAANICH INLET 1977
 LAT N48 41.58
 DATE 4/ 7/77
 TIME (PST) 1212

TAPE CZ0/78/ 5-102
 LONG W123 30.15
 PASS NO. 11
 STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.34	14.15	21.83	40.90*
2.2	2.2	29.39	11.98	22.27	31.64*
5.1	5.2	29.26	11.59	22.25	17.76*
10.0	10.0	29.40	11.23	22.42	8.28*
15.1	15.2	29.41	11.23	22.42	8.34*
20.2	20.3	29.56	11.04	22.57	6.93
25.0	25.1	29.61	10.98	22.62	5.83
30.0	30.1	29.65	10.87	22.67	8.64*
35.2	35.4	29.80	10.70	22.81	6.13
40.1	40.2	29.83	10.73	22.83	4.65*
45.1	45.2	29.86	10.70	22.87	7.70
50.2	50.4	29.92	10.24	22.98	12.75*
60.1	60.4	30.01	9.42	23.19	13.58
70.0	70.3	30.62	9.07	23.71	8.57*

MAX DEPTH 71.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 13 SAANICH INLET 1977
 LAT N48 43.75
 DATE 4/ 7/77
 TIME (PST) 1238

TAPE CZ0/78/ 5-103
 LONG W123 32.46
 PASS NO. 13
 STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.78	12.14	21.78	8.47*
2.1	2.1	28.78	12.17	21.77	10.42*
5.2	5.2	28.90	11.88	21.91	13.34*
10.1	10.1	29.26	11.33	22.29	11.80
15.2	15.2	29.47	11.06	22.50	12.04
20.2	20.3	29.58	10.87	22.61	8.28
25.1	25.2	29.70	10.64	22.75	6.99
30.1	30.2	29.76	10.61	22.80	4.87
35.3	35.4	29.81	10.55	22.85	6.62
40.0	40.2	29.93	10.33	22.97	7.63
45.2	45.4	29.97	10.30	23.01	2.93*
50.1	50.3	29.98	10.31	23.02	4.37
60.0	60.2	30.12	9.99	23.18	6.14*
70.5	70.8	30.19	9.83	23.26	3.65*
80.2	80.5	30.28	9.73	23.34	10.14
90.2	90.6	30.53	9.35	23.60	6.73*

MAX DEPTH 94.3

CRUISE NO. 13 SAANICH INLET 1977
 LAT N48 43.40
 DATE 4/ 7/77
 TIME (PST) 1318

TAPE CZ0/78/ 5-104
 LONG W123 25.07
 PASS NO. 15
 STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.84	11.51	21.93	9.41*
2.1	2.1	28.94	11.39	22.03	11.15*
5.0	5.0	28.92	11.42	22.01	13.75*
10.2	10.2	29.46	10.66	22.56	10.42
15.2	15.3	29.51	10.62	22.61	6.52*
20.1	20.1	29.69	10.49	22.77	9.10
25.1	25.2	29.84	10.46	22.89	6.99
30.1	30.2	29.87	10.47	22.91	5.60*
35.3	35.4	29.92	10.40	22.96	7.59
40.0	40.2	29.98	10.15	23.05	11.05
45.3	45.5	30.19	9.94	23.24	4.70
50.4	50.6	30.30	9.85	23.34	7.73
60.1	60.3	30.32	9.82	23.36	4.87
70.2	70.5	30.50	9.69	23.52	9.70
80.2	80.5	30.93	9.41	23.90	5.82

MAX DEPTH 88.9

CRUISE NO. 14

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 14 SAANICH INLET 1977
 LAT N48 31.22
 DATE 21/ 7/77
 TIME (PST) 1058

TAPE CZ0/78/ 5-105
 LONG W123 32.27
 PASS NO. 1
 STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.38	14.90	21.70	8.18*
2.1	2.1	29.43	14.66	21.79	9.89*
5.2	5.2	29.40	14.31	21.84	12.44*
10.2	10.2	29.54	12.75	22.25	11.92
15.2	15.2	29.57	12.47	22.33	9.39
20.2	20.2	29.63	12.19	22.43	8.95*
25.1	25.2	29.63	12.14	22.44	6.57*
30.2	30.3	29.70	11.67	22.57	9.51
35.2	35.4	29.71	11.12	22.67	12.53
40.2	40.3	29.79	10.63	22.82	11.25*
45.1	45.2	29.92	9.86	23.05	10.30
50.2	50.4	30.06	9.24	23.25	10.02
60.1	60.4	30.34	8.61	23.56	5.64*
70.3	70.6	30.59	8.44	23.78	7.97*
80.2	80.5	30.73	8.45	23.89	4.62
90.3	90.7	30.80	8.49	23.94	4.06*
100.1	100.5	30.86	8.54	23.98	3.59*
110.1	110.6	30.94	8.60	24.03	5.33*
120.2	120.7	30.97	8.62	24.05	2.92*
130.2	130.8	31.04	8.68	24.10	4.26
140.1	140.7	31.10	8.74	24.14	3.45*
150.1	150.8	31.14	8.78	24.16	2.40*
160.1	160.9	31.17	8.81	24.18	

MAX DEPTH 166.6

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 14 SAANICH INLET 1977

LAT N48 33.48

DATE 21/ 7/77

TIME (PST) 1131

TAPE CZ0/78/ 5-106

LONG W123 30.76

PASS NO. 3

STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.32	15.83	21.46	23.71
2.1	2.1	29.38	16.04	21.46	6.53*
5.1	5.1	29.29	14.08	21.60	16.53
10.0	10.1	29.43	11.98	22.30	9.34
15.1	15.1	29.53	12.17	22.35	9.34*
20.0	20.1	29.66	11.50	22.57	8.09
25.0	25.1	29.77	10.85	22.76	10.70
30.3	30.4	29.87	10.16	22.96	10.84
35.0	35.2	29.91	9.84	23.04	5.88
40.1	40.2	29.99	9.50	23.16	9.13*
45.0	45.2	30.06	9.23	23.25	6.67
50.3	50.5	30.09	9.15	23.29	7.34*
60.2	60.5	30.51	8.53	23.71	7.29
70.0	70.3	30.64	8.48	23.81	5.81*
80.3	80.7	30.77	8.57	23.90	4.92
90.2	90.6	30.80	8.65	23.92	3.32*
100.3	100.7	30.88	8.70	23.97	2.65*
110.1	110.6	30.91	8.68	24.00	3.11
120.2	120.7	30.96	8.74	24.03	3.91*
130.2	130.8	30.99	8.70	24.06	2.57*
140.2	140.9	31.04	8.73	24.09	4.69*
150.0	150.7	31.10	8.75	24.14	4.99*
160.2	161.0	31.14	8.78	24.16	2.63*
170.1	170.9	31.16	8.79	24.18	1.76*
180.1	180.9	31.17	8.80	24.18	1.36*
190.2	191.1	31.18	8.81	24.19	1.33*
200.1	201.0	31.19	8.82	24.20	1.35*
210.1	211.1	31.20	8.83	24.20	

MAX DEPTH 215.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 14 SAANICH INLET 1977
 LAT N48 35.33
 DATE 21/ 7/77
 TIME (PST) 1205

TAPE CZ0/78/ 5-107
 LONG W123 30.13
 PASS NO. 5
 STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.39	16.75	21.31	25.11
2.1	2.1	29.35	15.77	21.49	16.93
5.1	5.1	29.28	13.92	21.82	28.00
10.1	10.2	29.26	12.02	22.17	9.78
15.1	15.1	29.56	11.81	22.44	13.66*
20.1	20.2	29.60	11.50	22.52	8.74
25.1	25.2	29.71	11.12	22.68	9.00
30.3	30.4	29.78	10.69	22.80	9.33
35.1	35.2	29.87	10.31	22.93	12.04*
40.1	40.3	29.91	9.93	23.02	9.19
45.0	45.2	30.02	9.40	23.20	13.42
50.2	50.4	30.20	9.26	23.36	12.90
60.1	60.4	30.55	8.66	23.72	10.50
70.1	70.4	30.68	8.57	23.83	5.12
80.2	80.6	30.74	8.58	23.88	4.48*
90.3	90.7	30.82	8.66	23.93	6.57
100.1	100.6	30.90	8.67	23.99	3.71*
110.3	110.8	30.96	8.68	24.03	3.04*
120.2	120.8	31.01	8.66	24.08	4.66
130.1	130.7	31.07	8.69	24.12	3.42*
140.2	140.9	31.12	8.75	24.15	3.40*
150.1	150.8	31.14	8.78	24.17	2.42
160.2	160.9	31.17	8.80	24.18	1.92*
170.2	171.0	31.17	8.81	24.18	1.10*
180.2	181.0	31.18	8.81	24.19	1.45*
190.2	191.1	31.19	8.82	24.19	1.35*
200.2	201.2	31.19	8.82	24.20	1.15*
210.1	211.1	31.20	8.83	24.20	.73*
220.1	221.1	31.21	8.84	24.20	

MAX DEPTH 222.5

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 14 SAANICH INLET 1977

LAT N48 37.30

DATE 21/ 7/77

TIME (PST) 1315

TAPE CZ0/78/ 5-108

LONG W123 29.90

PASS NO. 7

STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.21	14.40	21.67	13.02
2.1	2.1	29.19	14.46	21.65	9.87
5.2	5.2	29.26	14.60	21.67	10.69*
10.1	10.1	29.21	12.36	22.06	15.78
15.3	15.4	29.41	11.60	22.36	12.32
20.3	20.4	29.62	11.53	22.53	7.44
25.3	25.3	29.71	11.06	22.69	12.99
30.2	30.3	29.78	10.72	22.80	9.58
35.0	35.1	29.84	10.31	22.91	9.60
40.3	40.4	29.91	9.99	23.02	6.57
45.1	45.3	30.01	9.63	23.15	7.63
50.2	50.4	30.16	9.28	23.32	12.23
60.3	60.5	30.48	8.86	23.63	9.28*
70.0	70.3	30.67	8.59	23.83	5.76*
80.3	80.6	30.74	8.58	23.88	5.74
90.3	90.7	30.89	8.97	23.94	7.32
100.0	100.5	30.86	8.55	23.97	3.74*
110.0	110.5	30.94	8.67	24.03	3.35*
120.2	120.7	31.00	8.86	24.04	3.47*
130.4	131.0	31.04	8.87	24.07	3.09*
140.0	140.7	31.08	8.82	24.11	3.67*
150.1	150.8	31.12	8.80	24.14	3.07*
160.1	160.9	31.15	8.80	24.16	2.35*
170.1	170.9	31.16	8.80	24.17	1.83*
180.1	181.0	31.18	8.81	24.19	1.61*
190.1	191.0	31.18	8.82	24.19	1.01*
200.1	201.1	31.19	8.82	24.19	1.18*
210.1	211.1	31.19	8.83	24.19	.73*

MAX DEPTH 214.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 14 SAANICH INLET 1977
 LAT N48 39.26
 DATE 21/ 7/77
 TIME (PST) 1357

TAPE CZ0/78/ 5-109
 LONG W123 30.13
 PASS NO. 9
 STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.31	15.63	21.50	13.43*
2.1	2.1	29.29	15.28	21.55	14.98*
5.1	5.1	29.06	14.89	21.46	17.30*
10.2	10.2	29.32	11.97	22.22	14.17
15.2	15.3	29.43	11.56	22.38	7.38
20.1	20.2	29.60	11.09	22.59	9.49
25.3	25.3	29.72	10.98	22.71	5.71
30.0	30.1	29.78	10.75	22.80	8.99
35.1	35.3	29.87	10.46	22.91	6.55
40.0	40.2	29.93	10.24	22.99	7.51
45.1	45.2	29.99	9.96	23.08	5.63
50.1	50.3	30.14	9.83	23.22	7.77
60.3	60.5	30.51	9.12	23.62	8.57*
70.2	70.5	30.72	9.12	23.78	6.63*
80.3	80.6	30.83	8.99	23.89	6.35
90.2	90.6	30.91	9.02	23.95	1.67*
100.1	100.6	30.92	8.95	23.96	2.82*
110.3	110.8	30.95	8.91	23.99	3.29*
120.3	120.8	31.00	8.89	24.04	3.64*
130.3	130.9	31.04	8.84	24.08	2.78*
140.1	140.8	31.08	8.79	24.11	3.42*
150.0	150.7	31.12	8.78	24.14	3.10*
160.1	160.8	31.15	8.79	24.17	2.12*
170.0	170.8	31.16	8.80	24.17	1.83*

MAX DEPTH 176.5

CRUISE NO. 14 SAANICH INLET 1977
 LAT N48 41.58
 DATE 21/ 7/77
 TIME (PST) 1456

TAPE CZ0/78/ 5-110
 LONG W123 30.15
 PASS NO. 11
 STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.64	12.83	21.54	9.33*
2.2	2.2	28.66	12.80	21.57	11.09*
5.0	5.0	28.72	12.43	21.68	13.73*
10.2	10.2	29.15	11.83	22.11	13.44*
15.1	15.1	29.24	11.80	22.19	9.78*
20.3	20.3	29.35	11.67	22.30	6.28
25.1	25.2	29.49	11.47	22.44	8.11
30.2	30.3	29.59	11.24	22.56	11.89
35.3	35.4	29.76	10.78	22.77	7.14
40.2	40.3	29.90	10.57	22.91	13.60
45.2	45.4	30.05	9.98	23.13	11.83
50.3	50.5	30.20	9.85	23.26	12.03
60.1	60.3	30.65	9.49	23.67	13.38
70.1	70.4	30.84	9.21	23.86	9.47

MAX DEPTH 72.3

CRUISE NO, 15

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 15 SAANICH INLET 1977
 LAT N48 31.22
 DATE 30/ 8/77
 TIME (PST) 1059

TAPE CZ0/78/ 5-111
 LONG W123 32.27
 PASS NO. 1
 STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.56	11.85	22.43	21.78
2.3	2.3	29.55	12.02	22.39	16.31
5.3	5.3	29.71	11.36	22.63	10.95
10.3	10.3	29.78	10.99	22.75	6.01
15.3	15.3	29.82	10.85	22.80	6.57
20.2	20.3	29.90	10.62	22.90	7.81*
25.2	25.3	29.99	10.20	23.05	7.94
30.2	30.3	30.08	9.87	23.17	9.65
35.0	35.1	30.16	9.68	23.26	7.61*
40.2	40.3	30.22	9.53	23.33	7.48
45.1	45.3	30.30	9.37	23.41	5.14
50.2	50.4	30.38	9.19	23.51	7.46
60.1	60.3	30.50	8.97	23.64	6.70*
70.2	70.5	30.61	8.83	23.74	6.35
80.3	80.6	30.72	8.72	23.84	7.17
90.1	90.5	30.88	8.65	23.98	3.88*
100.0	100.5	30.91	8.65	24.00	4.21*
110.0	110.5	30.99	8.69	24.06	2.37*
120.3	120.9	31.02	8.71	24.08	2.67*
130.2	130.8	31.04	8.72	24.09	2.87*
140.1	140.8	31.08	8.74	24.12	2.25*
150.3	151.0	31.10	8.76	24.13	.56*
160.1	160.8	31.11	8.77	24.14	

MAX DEPTH 162.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 15 SAANICH INLET 1977
 LAT N48 33.48
 DATE 30/ 8/77
 TIME (PST) 1131

TAPE CZ0/78/ 5-112
 LONG W123 30.76
 PASS NO. 3
 STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.64	13.29	22.23	19.54
2.0	2.0	29.53	12.12	22.36	4.76*
5.3	5.3	29.61	11.81	22.47	12.74
10.2	10.3	29.68	11.63	22.56	5.95
15.2	15.2	29.90	10.86	22.86	8.81
20.1	20.2	29.95	10.70	22.93	8.33*
25.0	25.1	30.06	10.49	23.05	8.09
30.2	30.3	30.14	10.29	23.14	7.49
35.2	35.4	30.21	10.16	23.22	7.93*
40.3	40.5	30.39	10.16	23.36	7.83
45.1	45.3	30.46	10.28	23.40	5.30
50.2	50.4	30.54	9.93	23.51	6.80*
60.3	60.6	30.53	9.67	23.55	5.73*
70.2	70.5	30.75	9.60	23.73	6.30
80.1	80.4	30.83	8.75	23.93	5.25*
90.1	90.5	30.95	8.72	24.02	4.58
100.2	100.6	31.03	8.77	24.07	4.07*
110.1	110.7	31.08	8.84	24.10	3.29*
120.2	120.8	31.10	8.89	24.11	2.95
130.1	130.7	31.11	8.83	24.13	2.71*
140.2	140.9	31.13	8.82	24.15	2.60*
150.3	151.0	31.15	8.81	24.16	1.75*
160.2	161.0	31.16	8.82	24.17	1.80*
170.1	170.9	31.17	8.83	24.18	1.22*
180.2	181.0	31.18	8.83	24.18	1.44*
190.1	191.0	31.19	8.86	24.19	.79*
200.1	201.1	31.20	8.88	24.19	1.56*

MAX DEPTH 207.9

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 15 SAANICH INLET 1977

LAT N48 35.33

DATE 30/ 8/77

TIME (PST) 1207

TAPE CZ0/78/ 5-113

LONG W123 30.13

PASS NO. 5

STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.46	12.77	22.19	28.05
2.3	2.3	29.59	11.95	22.44	15.82
5.3	5.3	29.64	11.67	22.52	9.03
10.1	10.1	29.83	11.44	22.71	10.25
15.2	15.3	29.94	11.22	22.84	9.56
20.0	20.1	29.95	11.07	22.87	9.08*
25.1	25.2	30.08	10.88	23.00	7.04
30.2	30.4	30.13	10.50	23.10	9.06
35.2	35.3	30.25	10.48	23.20	7.13*
40.2	40.3	30.29	10.23	23.27	7.10
45.2	45.4	30.36	10.21	23.33	6.41
50.2	50.4	30.42	9.99	23.42	7.49
60.2	60.4	30.57	9.75	23.57	8.51
70.2	70.5	30.68	9.37	23.71	7.72*
80.0	80.4	30.85	9.14	23.88	6.67
90.2	90.6	30.95	8.85	24.00	4.43*
100.3	100.8	31.02	8.86	24.06	8.83*
110.1	110.6	31.07	8.96	24.08	3.05*
120.1	120.6	31.11	8.98	24.11	3.10*
130.3	130.9	31.14	8.96	24.13	2.75*
140.2	140.9	31.16	8.93	24.15	2.26*
150.0	150.7	31.16	8.88	24.16	1.90*
160.3	161.1	31.17	8.86	24.17	1.64*
170.1	170.9	31.17	8.82	24.18	1.55*
180.0	180.9	31.19	8.87	24.19	1.47*
190.3	191.2	31.20	8.88	24.19	1.41*
200.3	201.3	31.21	8.91	24.20	1.44*
210.3	211.3	31.22	8.94	24.20	1.53*
220.2	221.3	31.23	8.94	24.21	

MAX DEPTH 223.9

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 15 SAANICH INLET 1977

LAT N48 37.30

DATE 30/ 8/77

TIME (PST) 1255

TAPE CZ0/78/ 5-114

LONG W123 29.90

PASS NO. 7

STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.41	13.02	22.10	14.79
2.2	2.2	29.57	12.87	22.25	4.25*
5.3	5.3	29.43	13.19	22.08	11.42
10.3	10.3	29.75	11.76	22.59	8.04
15.0	15.1	29.90	11.38	22.78	11.60
20.1	20.1	30.02	11.08	22.92	8.79
25.0	25.1	30.13	10.96	23.03	7.86
30.2	30.3	30.18	10.85	23.08	5.64*
35.1	35.3	30.29	10.74	23.18	7.42
40.1	40.2	30.30	10.50	23.24	8.89
45.2	45.4	30.45	10.50	23.35	7.65*
50.0	50.2	30.53	10.42	23.42	6.47*
60.2	60.4	30.67	10.19	23.57	6.13
70.3	70.6	30.77	9.23	23.81	8.09
80.0	80.4	30.94	9.24	23.93	5.40
90.2	90.6	31.01	8.95	24.03	4.92
100.4	100.8	31.02	8.94	24.04	2.64
110.2	110.7	31.05	8.98	24.06	4.56*
120.1	120.6	31.11	8.99	24.11	2.83*
130.1	130.7	31.13	8.98	24.12	2.26*
140.3	140.9	31.15	8.94	24.15	1.78*
150.1	150.8	31.16	8.92	24.15	1.78*
160.2	160.9	31.17	8.91	24.16	1.90*
170.3	171.1	31.18	8.90	24.18	1.50*
180.2	181.1	31.18	8.89	24.18	1.32*
190.3	191.2	31.19	8.89	24.18	1.49*
200.2	201.1	31.20	8.89	24.19	1.37*
210.1	211.1	31.20	8.89	24.19	+

MAX DEPTH 210.4

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 15 SAANICH INLET 1977

LAT N48 39.26

DATE 30/ 8/77

TIME (PST) 1321

TAPE CZ0/78/ 5-115

LONG W123 30.13

PASS NO. 9

STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.42	12.57	22.19	9.23*
2.2	2.2	29.51	12.59	22.26	10.49*
5.2	5.2	29.31	12.71	22.08	12.37*
10.2	10.2	29.76	11.73	22.61	11.91
15.3	15.4	29.84	10.98	22.80	12.84
20.0	20.1	29.91	10.91	22.87	8.77*
25.0	25.1	30.05	10.87	22.98	8.22
30.3	30.4	30.16	10.88	23.06	8.14
35.3	35.4	30.23	10.68	23.15	9.06
40.2	40.3	30.32	10.53	23.25	7.15
45.4	45.5	30.43	10.54	23.33	6.68
50.2	50.4	30.48	10.44	23.39	6.87
60.1	60.4	30.66	10.18	23.57	9.68
70.3	70.6	30.84	9.72	23.79	6.47*
80.3	80.6	30.87	9.28	23.88	6.54
90.1	90.5	30.97	9.10	23.98	6.62
100.3	100.7	31.07	9.09	24.06	4.04*
110.2	110.7	31.08	9.07	24.07	2.57*
120.3	120.8	31.11	9.02	24.10	2.76*
130.0	130.6	31.12	9.00	24.11	2.03*
140.2	140.9	31.14	8.96	24.13	2.62*
150.1	150.8	31.15	8.94	24.15	2.47*
160.3	161.0	31.17	8.92	24.16	2.04*
170.2	171.0	31.18	8.90	24.17	1.91*

MAX DEPTH 177.1

CRUISE NO. 15 SAANICH INLET 1977

LAT N48 41.58

DATE 30/ 8/77

TIME (PST) 1353

TAPE CZ0/78/ 5-116

LONG W123 30.15

PASS NO. 11

STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.55	12.82	22.24	1.81
2.1	2.1	29.57	12.70	22.28	8.23
5.3	5.3	29.67	12.04	22.48	14.30
10.3	10.3	29.91	11.28	22.80	5.70*
15.2	15.2	29.92	11.25	22.82	4.57*
20.1	20.1	29.98	11.20	22.87	8.24
25.1	25.2	30.05	11.10	22.94	5.98
30.1	30.2	30.19	10.92	23.08	7.05
35.1	35.2	30.25	10.83	23.14	5.43
40.2	40.4	30.43	10.55	23.33	8.10
45.1	45.3	30.50	10.43	23.41	7.47*
50.3	50.5	30.58	10.33	23.48	7.14
60.2	60.5	30.69	10.03	23.61	6.87*

MAX DEPTH 69.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 15 SAANICH INLET 1977
 LAT N48 43.75
 DATE 30/ 8/77
 TIME (PST) 1415

TAPE CZ0/78/ 5-117
 LONG W123 32.46
 PASS NO. 13
 STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.93	11.60	22.76	2.93
2.3	2.3	29.82	11.56	22.69	2.13*
5.2	5.2	29.96	11.52	22.80	5.33
10.0	10.1	30.00	11.28	22.87	7.72
15.0	15.1	30.10	11.02	22.99	9.97
20.3	20.4	30.21	10.89	23.10	6.39*
25.1	25.2	30.22	10.88	23.11	6.04*
30.2	30.3	30.25	10.85	23.14	6.66*
35.3	35.4	30.35	10.71	23.24	6.44
40.1	40.3	30.40	10.64	23.29	5.76*
45.0	45.2	30.46	10.57	23.35	5.40
50.2	50.4	30.51	10.50	23.40	5.35*
60.2	60.4	30.55	10.44	23.44	2.52*
70.1	70.4	30.59	10.38	23.48	3.92
80.2	80.6	30.65	10.24	23.55	4.30*
90.1	90.5	30.70	10.13	23.60	
100.1	100.5	30.70	10.19	23.60	+

MAX DEPTH 101.2

CRUISE NO. 15 SAANICH INLET 1977
 LAT N48 43.40
 DATE 30/ 8/77
 TIME (PST) 1459

TAPE CZ0/78/ 5-118
 LONG W123 25.07
 PASS NO. 15
 STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.01	11.93	22.76	21.61
2.3	2.3	30.02	11.46	22.86	13.15
5.1	5.2	30.06	11.41	22.90	6.80*
10.0	10.1	30.08	11.35	22.92	3.86
15.3	15.3	30.10	11.30	22.95	5.65
20.2	20.2	30.22	10.99	23.09	11.53*
25.1	25.2	30.43	10.64	23.31	9.18*
30.2	30.4	30.45	10.62	23.33	4.48*
35.1	35.2	30.46	10.60	23.34	3.00*
40.2	40.4	30.48	10.57	23.36	2.38*
45.3	45.5	30.48	10.57	23.36	2.44*
50.0	50.2	30.51	10.53	23.39	2.72*
60.2	60.4	30.57	10.42	23.46	10.22
70.2	70.5	30.73	10.21	23.62	4.25*
80.1	80.4	30.81	10.13	23.69	5.05

MAX DEPTH 89.3

CRUISE NO. 16

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 16 SAANICH INLET 1977

LAT N48 31.22

DATE 22/ 9/77

TIME (PST) 0845

TAPE CZ0/78/ 5-119

LONG W123 32.27

PASS NO. 1

STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.29	12.85	22.04	9.40
2.1	2.1	29.36	12.84	22.10	9.28
5.1	5.1	29.45	12.78	22.17	10.94
10.3	10.3	29.57	12.50	22.32	8.57
15.3	15.3	29.68	12.06	22.48	8.19
20.3	20.4	29.79	11.50	22.67	8.56
25.2	25.3	29.90	11.01	22.84	6.00
30.2	30.3	29.99	10.65	22.97	10.96
35.2	35.3	30.16	10.10	23.19	18.50
40.2	40.3	30.22	9.94	23.27	9.19*
45.2	45.4	30.30	9.75	23.36	6.18
50.2	50.4	30.34	9.65	23.41	7.16*
60.2	60.5	30.43	9.51	23.49	5.95
70.1	70.4	30.56	9.17	23.65	8.77
80.2	80.5	30.79	8.81	23.88	7.62
90.2	90.6	30.92	8.73	24.00	4.50*
100.2	100.7	30.97	8.72	24.04	3.46*
110.2	110.7	31.01	8.73	24.07	2.74*
120.1	120.7	31.05	8.74	24.10	2.46*
130.3	130.9	31.08	8.75	24.12	4.52
140.3	140.9	31.11	8.77	24.14	3.56
150.0	150.7	31.13	8.79	24.15	1.42*
160.1	160.9	31.15	8.81	24.17	
170.0	170.8	31.15	8.81	24.17	

MAX DEPTH 171.5

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 16 SAANICH INLET 1977

LAT N48 33.48

DATE 22/ 9/77

TIME (PST) 0913

TAPE CZO/78/ 5-120

LONG W123 30.76

PASS NO. 3

STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.19	12.73	21.98	4.38
2.1	2.1	29.20	12.73	21.99	4.25
5.3	5.3	29.28	12.59	22.08	10.92
10.1	10.1	29.63	12.00	22.45	9.53
15.1	15.1	29.73	11.76	22.58	6.83
20.2	20.2	29.77	11.58	22.64	7.75
25.3	25.3	29.86	11.17	22.78	11.23
30.0	30.1	30.00	10.80	22.96	9.32
35.1	35.2	30.06	10.70	23.01	7.30*
40.0	40.2	30.16	10.55	23.12	9.18
45.3	45.4	30.38	10.22	23.34	8.14
50.2	50.4	30.41	10.21	23.37	6.62*
60.1	60.4	30.55	9.96	23.51	6.85*
70.1	70.4	30.74	9.77	23.70	6.44
80.0	80.4	30.82	9.31	23.83	8.92*
90.2	90.6	30.95	8.85	24.01	4.09*
100.2	100.6	31.03	8.80	24.07	3.88*
110.2	110.7	31.06	8.78	24.10	3.06*
120.1	120.7	31.10	8.81	24.12	4.03
130.1	130.8	31.13	8.82	24.15	2.09*
140.1	140.8	31.14	8.82	24.16	1.06*
150.2	150.9	31.15	8.82	24.16	1.85*
160.0	160.8	31.17	8.84	24.18	1.88*
170.0	170.8	31.18	8.84	24.18	1.14*
180.2	181.0	31.19	8.85	24.19	1.38*
190.1	191.0	31.19	8.86	24.19	1.52*
200.1	201.1	31.21	8.91	24.20	
210.1	210.7	20.67	8.91	22.22	

MAX DEPTH 210.7

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 16 SAANICH INLET 1977

LAT N48 35.33

DATE 22/ 9/77

TIME (PST) 0944

TAPE C20/78/ 5-121

LONG W123 30.13

PASS NO. 5

STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.03	13.13	21.78	18.00
2.1	2.1	29.01	13.14	21.77	5.81*
5.0	5.0	29.16	13.01	21.91	14.91
10.1	10.1	29.54	11.99	22.39	11.82
15.2	15.2	29.71	11.80	22.55	4.19
20.2	20.2	29.81	11.51	22.68	11.15
25.3	25.3	29.94	11.08	22.86	13.34
30.0	30.1	30.03	10.82	22.98	10.58
35.2	35.3	30.22	10.60	23.15	11.78*
40.2	40.4	30.26	10.56	23.19	6.04
45.2	45.4	30.32	10.44	23.26	5.14
50.2	50.4	30.43	10.18	23.39	6.31
60.3	60.6	30.53	9.94	23.51	9.30
70.3	70.6	30.70	9.44	23.72	7.74
80.1	80.5	30.85	9.08	23.89	8.30
90.0	90.4	30.96	8.85	24.01	5.06*
100.3	100.8	31.08	9.04	24.08	3.56*
110.1	110.6	31.08	8.94	24.09	2.61*
120.0	120.6	31.12	8.97	24.12	2.44*
130.1	130.7	31.15	8.99	24.13	2.37*
140.1	140.7	31.16	8.91	24.15	2.25*
150.0	150.8	31.17	8.89	24.17	2.13*
160.1	160.9	31.17	8.87	24.17	1.77*
170.2	171.0	31.18	8.85	24.18	1.58*
180.2	181.0	31.19	8.86	24.19	1.15*
190.1	191.0	31.20	8.91	24.19	+
200.2	201.1	31.21	8.92	24.19	1.12*
210.2	211.2	31.22	8.94	24.20	

MAX DEPTH 219.3

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 16 SAANICH INLET 1977

LAT N48 37.30

DATE 22/ 9/77

TIME (PST) 1034

TAPE CZ0/78/ 5-122

LONG W123 29.90

PASS NO. 7

STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	20.91	13.06	21.71	15.99
2.0	2.0	20.91	13.12	21.69	4.62*
5.2	5.2	20.88	13.07	21.69	12.43
10.3	10.3	29.53	11.97	22.38	8.86
15.0	15.1	29.67	11.66	22.55	10.13
20.2	20.2	29.84	11.37	22.73	10.26
25.0	25.1	29.97	10.98	22.90	9.60
30.2	30.3	30.10	10.76	23.03	5.93*
35.1	35.2	30.15	10.69	23.09	5.76*
40.2	40.3	30.20	10.61	23.14	5.29
45.3	45.5	30.35	10.39	23.29	11.64*
50.1	50.3	30.44	10.28	23.38	6.89
60.1	60.3	30.61	10.11	23.54	5.19
70.0	70.3	30.70	9.74	23.67	7.10*
80.2	80.5	30.90	9.36	23.88	7.06*
90.2	90.6	31.01	9.20	24.00	5.12
100.2	100.6	31.08	9.14	24.06	2.89*
110.1	110.6	31.08	8.98	24.08	3.48*
120.1	120.7	31.12	9.07	24.10	2.61*
130.2	130.8	31.14	9.03	24.12	2.93*
140.0	140.7	31.15	8.97	24.14	4.07
150.2	150.9	31.19	8.93	24.17	2.38*
160.1	160.9	31.19	9.00	24.17	1.53*
170.2	171.0	31.20	8.95	24.18	1.35*
180.3	181.1	31.21	8.96	24.19	1.35*
190.2	191.1	31.20	8.90	24.19	1.60*
200.1	201.1	31.21	8.92	24.20	1.12*
210.0	211.0	31.22	8.93	24.20	

MAX DEPTH 211.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 16 SAANICH INLET 1977
 LAT N48 39.26
 DATE 22/ 9/77
 TIME (PST) 1121

TAPE CZ0/78/ 5-123
 LONG W123 30.13
 PASS NO. 9
 STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.08	12.91	21.86	16.55
2.1	2.1	29.03	13.02	21.81	5.75*
5.1	5.1	29.22	11.91	22.16	14.53
10.1	10.1	29.51	11.76	22.41	12.51
15.1	15.1	29.65	11.49	22.56	12.60
20.2	20.2	29.82	11.18	22.74	8.08*
25.3	25.3	29.89	11.07	22.82	8.03*
30.2	30.4	29.99	10.95	22.92	7.29
35.3	35.4	30.07	10.81	23.01	6.55
40.3	40.4	30.12	10.71	23.06	8.96*
45.3	45.4	30.21	10.59	23.15	9.40*
50.3	50.5	30.41	10.36	23.35	11.66
60.3	60.5	30.65	10.06	23.58	5.84*
70.1	70.4	30.76	9.66	23.73	7.28
80.0	80.4	30.91	9.19	23.92	6.56
90.2	90.6	31.01	9.19	23.99	5.12*
100.3	100.7	31.10	9.21	24.06	4.63*
110.3	110.8	31.12	9.19	24.09	2.68*
120.1	120.7	31.13	9.12	24.10	1.83*
130.2	130.8	31.14	9.10	24.12	2.57*
140.3	140.9	31.18	9.07	24.14	2.22*
150.3	151.0	31.19	9.03	24.16	1.66*
160.1	160.9	31.19	8.99	24.17	1.86*
170.1	170.9	31.20	8.97	24.18	+

MAX DEPTH 177.1

CRUISE NO. 16 SAANICH INLET 1977
 LAT N48 41.58
 DATE 22/ 9/77
 TIME (PST) 1210

TAPE CZ0/78/ 5-124
 LONG W123 30.15
 PASS NO. 11
 STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.14	12.43	22.00	17.76*
2.3	2.3	29.13	12.62	21.95	5.41*
5.0	5.0	29.36	11.71	22.30	13.79*
10.1	10.1	29.61	11.49	22.53	9.83*
15.1	15.2	29.66	11.46	22.58	5.86*
20.2	20.2	29.75	11.41	22.65	6.28
25.2	25.3	29.90	11.16	22.82	9.97
30.2	30.4	29.92	11.12	22.84	6.46*
35.3	35.4	30.00	10.96	22.92	5.61*
40.2	40.4	30.03	10.91	22.96	5.55*
45.3	45.5	30.10	10.82	23.02	7.49
50.2	50.4	30.20	10.68	23.13	7.04
60.0	60.3	30.76	9.98	23.68	11.49

MAX DEPTH 69.3

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 16 SAANICH INLET 1977

LAT N48 43.75

DATE 22/ 9/77

TIME (PST) 1231

TAPE CZ0/78/ 5-125

LONG W123 32.46

PASS NO. 13

STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.48	11.68	22.40	11.93
2.1	2.1	29.48	11.67	22.40	3.76*
5.3	5.3	29.52	11.61	22.44	10.05
10.3	10.3	29.78	11.24	22.71	8.16
15.0	15.1	29.85	11.15	22.78	6.79
20.0	20.1	29.95	11.01	22.88	6.50*
25.1	25.2	29.97	10.98	22.90	3.13*
30.1	30.2	29.98	10.97	22.91	10.75
35.1	35.3	30.16	10.72	23.09	5.11
40.2	40.3	30.36	10.49	23.29	13.31
45.1	45.3	30.44	10.42	23.36	6.31*
50.0	50.2	30.49	10.37	23.40	6.06
60.3	60.5	30.57	10.29	23.48	6.21*
70.3	70.6	30.76	10.10	23.66	5.69*
80.1	80.5	30.84	10.03	23.73	5.79*
90.1	90.5	30.97	9.91	23.85	5.53
100.1	100.5	31.09	9.79	23.97	8.98
110.0	110.5	31.20	9.69	24.07	+

MAX DEPTH 116.4

CRUISE NO. 16 SAANICH INLET 1977

LAT N48 43.40

DATE 22/ 9/77

TIME (PST) 1311

TAPE CZ0/78/ 5-126

LONG W123 25.07

PASS NO. 15

STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.55	11.47	22.49	2.84
2.1	2.1	29.56	11.43	22.51	8.59
5.0	5.0	29.69	11.29	22.63	6.76
10.2	10.3	29.78	11.18	22.72	7.05
15.2	15.3	29.81	11.15	22.74	4.96*
20.2	20.3	29.84	11.12	22.77	4.73*
25.2	25.3	29.86	11.09	22.79	5.86*
30.2	30.3	29.94	11.01	22.87	5.44
35.2	35.3	29.95	10.99	22.88	4.72
40.2	40.3	30.06	10.86	22.99	9.48
45.2	45.3	30.22	10.68	23.14	8.42*
50.1	50.3	30.36	10.54	23.28	8.93
60.1	60.3	30.58	10.30	23.49	5.50*
70.2	70.5	30.63	10.25	23.53	10.11*
80.3	80.7	31.37	9.53	24.23	7.48
90.1	90.5	31.47	9.44	24.32	

MAX DEPTH 90.2

CRUISE NO. 17

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 17 SAANICH INLET 1977

LAT N48 31.22

DATE 7/11/77

TIME (PST) 0932

TAPE CZ0/78/ 1- 1

LONG W123 32.27

PASS NO. 1

STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	27.83	8.79	21.58	55.38
2.1	2.1	29.35	9.45	22.67	34.53
5.0	5.0	29.91	9.74	23.06	10.78
10.3	10.4	29.98	9.80	23.10	5.41*
15.0	15.1	30.09	9.85	23.18	5.63*
20.1	20.2	30.10	9.86	23.19	5.01*
25.2	25.3	30.11	9.87	23.19	4.69
30.2	30.3	30.22	9.94	23.27	4.81
35.3	35.4	30.36	9.97	23.37	8.18
40.1	40.2	30.56	9.74	23.56	10.12
45.2	45.4	30.63	9.63	23.63	7.39
50.2	50.4	30.72	9.51	23.72	4.81*
60.3	60.5	30.78	9.43	23.78	3.97*
70.1	70.5	30.82	9.37	23.83	4.44
80.1	80.5	30.86	9.31	23.86	3.25*
90.1	90.5	30.88	9.25	23.89	3.72
100.2	100.6	30.92	9.12	23.94	3.92*
110.1	110.6	30.95	9.01	23.98	5.63
120.1	120.7	31.01	8.89	24.04	3.10*
130.1	130.7	31.04	8.84	24.07	3.53*
140.3	141.0	31.06	8.82	24.09	2.30*
150.3	151.0	31.06	8.83	24.09	2.08*
160.1	160.8	31.09	8.82	24.11	1.72*
170.1	170.9	31.10	8.83	24.12	

MAX DEPTH 172.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 17 SAANICH INLET 1977
 LAT N48 33.48
 DATE 7/11/77
 TIME (PST) 1005

TAPE CZ0/78/ 1- 2
 LONG W123 30.76
 PASS NO. 3
 STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.87	8.39	21.67	54.17
2.0	2.1	29.50	9.37	22.80	30.66
5.2	5.2	29.89	9.95	23.01	9.99
10.2	10.2	30.06	10.05	23.13	8.38*
15.1	15.1	30.11	10.03	23.17	5.21*
20.0	20.1	30.12	9.91	23.20	5.81*
25.1	25.2	30.20	9.94	23.25	6.76
30.3	30.4	30.33	9.93	23.36	7.83*
35.1	35.2	30.38	9.90	23.40	6.10*
40.1	40.2	30.47	9.84	23.48	7.49
45.3	45.5	30.54	9.78	23.54	5.10*
50.2	50.4	30.62	9.69	23.62	6.68
60.1	60.3	30.72	9.57	23.71	4.62*
70.1	70.4	30.81	9.47	23.80	4.30*
80.1	80.5	30.86	9.41	23.85	3.88*
90.0	90.4	30.91	9.32	23.90	5.67
100.1	100.5	31.00	9.14	24.00	5.04
110.1	110.6	31.07	8.98	24.08	5.08*
120.0	120.6	31.09	8.92	24.10	2.84*
130.3	130.9	31.12	8.90	24.13	2.33*
140.2	140.9	31.13	8.88	24.14	1.52*
150.3	151.0	31.13	8.89	24.14	1.89*
160.3	161.1	31.16	8.87	24.16	2.05*
170.0	170.8	31.16	8.87	24.16	+
180.1	181.0	31.17	8.87	24.17	1.33*
190.3	191.2	31.18	8.87	24.18	.94*
200.3	201.2	31.18	8.88	24.18	1.30*
210.2	211.2	31.19	8.90	24.19	.92*
220.1	221.0	30.48	8.90	23.63	

MAX DEPTH 221.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 17 SAANICH INLET 1977
 LAT N48 35.33
 DATE 7/11/77
 TIME (PST) 1029

TAPE CZ0/78/ 1- 3
 LONG W123 30.13
 PASS NO. 5
 STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.51	8.63	21.35	29.09
2.0	2.0	28.90	9.29	22.34	29.53
5.0	5.0	29.88	9.73	23.03	11.29
10.1	10.1	30.00	9.92	23.09	4.83*
15.1	15.1	30.04	10.02	23.12	4.77*
20.2	20.3	30.13	10.06	23.18	5.97*
25.1	25.2	30.19	10.04	23.23	6.04
30.1	30.2	30.24	10.01	23.27	7.47
35.0	35.2	30.32	9.94	23.34	7.79
40.3	40.4	30.45	9.85	23.46	7.25
45.3	45.5	30.54	9.78	23.54	9.21
50.3	50.5	30.64	9.68	23.63	6.58
60.2	60.4	30.75	9.55	23.74	5.07*
70.1	70.4	30.80	9.50	23.79	4.05
80.1	80.5	30.86	9.44	23.84	6.05
90.0	90.5	30.97	9.33	23.95	5.03
100.2	100.6	31.04	9.24	24.02	4.64
110.2	110.7	31.09	9.04	24.08	4.07*
120.0	120.6	31.13	9.02	24.11	2.95*
130.0	130.6	31.14	9.07	24.12	2.34*
140.0	140.7	31.16	9.01	24.14	2.09*
150.1	150.8	31.17	9.00	24.16	1.90*
160.0	160.8	31.18	8.94	24.17	1.44*
170.1	170.9	31.18	8.92	24.17	1.11*
180.1	180.9	31.19	8.93	24.17	2.93*
190.2	191.1	31.19	8.92	24.18	1.22*
200.3	201.2	31.20	8.92	24.18	1.26*
210.2	211.2	31.20	8.93	24.19	1.27*
220.2	221.2	31.21	8.92	24.19	

MAX DEPTH 225.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 17 SAANICH INLET 1977
 LAT N48 37.30
 DATE 7/11/77
 TIME (PST) 1133

TAPE CZ0/78/ 1- 4
 LONG W123 29.90
 PASS NO. 7
 STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.40	8.81	21.24	+
2.0	2.0	27.47	8.75	21.30	33.96
5.3	5.3	29.57	9.70	22.80	15.87
10.0	10.1	29.87	9.87	23.00	5.93*
15.2	15.2	29.96	9.84	23.08	8.06*
20.1	20.1	30.09	9.93	23.16	6.58*
25.3	25.4	30.13	9.95	23.19	5.08*
30.2	30.3	30.18	9.96	23.23	7.51
35.0	35.2	30.32	9.92	23.35	9.11
40.3	40.5	30.46	9.82	23.47	9.66*
45.2	45.4	30.59	9.71	23.59	7.06
50.3	50.5	30.65	9.67	23.64	5.28*
60.3	60.5	30.77	9.53	23.76	5.22*
70.2	70.5	30.82	9.46	23.81	4.52*
80.3	80.6	30.90	9.39	23.88	6.51
90.1	90.5	30.99	9.32	23.96	5.64
100.1	100.5	31.07	9.17	24.04	5.17*
110.3	110.8	31.10	9.05	24.09	5.13*
120.2	120.8	31.12	9.05	24.10	3.70
130.3	130.9	31.17	9.13	24.13	2.19*
140.1	140.8	31.18	9.08	24.15	2.21*
150.2	150.9	31.19	9.05	24.16	1.77*
160.0	160.8	31.19	9.03	24.16	1.29*
170.1	170.9	31.18	8.96	24.17	1.29*
180.2	181.0	31.19	8.97	24.17	1.43*
190.2	191.1	31.19	8.94	24.18	1.69*
200.3	201.2	31.20	8.92	24.19	1.42*
210.2	211.1	31.20	8.92	24.19	1.27*

MAX DEPTH 216.0

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 17 SAANICH INLET 1977

LAT N48 39.26

DATE 7/11/77

TIME (PST) 1218

TAPE CZ0/78/ 1- 5

LONG W123 30.13

PASS NO. 9

STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	26.84	9.01	20.78	47.36
2.1	2.1	26.83	9.01	20.77	11.14*
5.0	5.0	29.66	9.51	22.90	30.63
10.3	10.4	29.93	9.95	23.04	13.89
15.3	15.4	30.11	10.10	23.15	8.61
20.1	20.2	30.16	10.07	23.19	6.60*
25.2	25.3	30.23	10.03	23.26	8.63
30.3	30.4	30.37	9.90	23.39	8.03
35.3	35.5	30.44	9.85	23.45	5.15*
40.1	40.3	30.50	9.78	23.51	6.01*
45.3	45.5	30.56	9.71	23.57	6.19*
50.3	50.5	30.63	9.66	23.63	6.24
60.2	60.4	30.70	9.56	23.70	3.94*
70.2	70.5	30.76	9.50	23.76	4.98*
80.1	80.4	30.85	9.45	23.83	6.33
90.2	90.6	30.93	9.35	23.91	4.93
100.1	100.6	31.05	9.24	24.02	6.27*
110.3	110.9	31.12	9.16	24.08	3.22*
120.1	120.6	31.14	9.18	24.10	2.26*
130.2	130.8	31.17	9.14	24.13	3.34*
140.0	140.7	31.18	9.08	24.14	1.72*
150.2	150.9	31.19	9.06	24.16	1.16*
160.3	161.0	31.19	9.01	24.16	1.56*
170.2	171.0	31.19	9.00	24.17	1.29*

MAX DEPTH 178.7

CRUISE NO. 17 SAANICH INLET 1977

LAT N48 41.58

DATE 7/11/77

TIME (PST) 1310

TAPE CZ0/78/ 1- 6

LONG W123 30.15

PASS NO. 11

STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.44	9.76	21.91	13.25
2.1	2.1	28.51	9.77	21.96	12.37
5.2	5.3	28.85	9.79	22.23	26.53
10.0	10.1	30.03	9.90	23.13	12.54*
15.1	15.1	30.07	9.69	23.19	6.72*
20.2	20.3	30.12	9.52	23.25	5.22*
25.1	25.2	30.15	9.52	23.28	3.93*
30.4	30.5	30.17	9.45	23.30	5.94
35.2	35.3	30.28	9.47	23.39	6.70*
40.3	40.4	30.38	9.53	23.46	6.56
45.3	45.5	30.50	9.67	23.52	11.81
50.1	50.3	30.58	9.68	23.59	7.46*
60.2	60.5	30.72	9.56	23.71	4.61
70.1	70.4	30.78	9.49	23.77	+

MAX DEPTH 72.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 17 SAANICH INLET 1977
 LAT N48 43.75
 DATE 7/11/77
 TIME (PST) 1336

TAPE CZ0/78/ 1- 7
 LONG W123 32.46
 PASS NO. 13
 STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.55	9.92	22.75	34.03
2.0	2.0	29.59	9.91	22.78	21.36
5.0	5.0	29.86	9.90	22.99	13.43
10.3	10.4	30.00	9.83	23.11	9.99
15.3	15.3	30.21	9.84	23.27	7.70*
20.0	20.1	30.21	9.82	23.28	3.72*
25.3	25.4	30.24	9.79	23.30	4.19*
30.1	30.2	30.22	9.54	23.33	4.48*
35.2	35.3	30.24	9.55	23.34	3.92*
40.2	40.3	30.24	9.55	23.34	3.74*
45.1	45.3	30.34	9.67	23.40	5.81*
50.1	50.3	30.46	9.76	23.48	7.07
60.3	60.5	30.59	9.66	23.59	5.71*
70.2	70.5	30.69	9.57	23.69	4.32*
80.3	80.6	30.72	9.54	23.71	1.43*
90.1	90.5	30.72	9.54	23.72	3.09*
100.2	100.7	30.78	9.50	23.77	2.72*
110.1	110.5	30.78	9.49	23.77	+

MAX DEPTH 113.6

CRUISE NO. 17 SAANICH INLET 1977
 LAT N48 43.40
 DATE 7/11/77
 TIME (PST) 1415

TAPE CZ0/78/ 1- 8
 LONG W123 25.07
 PASS NO. 15
 STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.65	9.41	22.30	6.39
2.2	2.2	29.75	9.41	22.98	9.08
5.3	5.3	29.86	9.36	23.08	8.49
10.3	10.4	29.92	9.38	23.12	6.74*
15.1	15.2	30.04	9.38	23.21	4.98
20.4	20.5	30.06	9.37	23.23	4.01*
25.0	25.1	30.10	9.37	23.26	4.52
30.3	30.4	30.13	9.37	23.28	6.32
35.1	35.2	30.16	9.39	23.30	5.00*
40.4	40.5	30.18	9.40	23.32	6.48
45.1	45.3	30.36	9.42	23.45	14.35
50.3	50.5	30.54	9.44	23.59	6.82*
60.2	60.5	30.67	9.46	23.69	5.69*
70.2	70.5	30.78	9.44	23.78	4.88
80.1	80.4	30.82	9.42	23.82	4.23
90.0	90.4	30.95	9.33	23.93	+

MAX DEPTH 92.8

CRUISE NO. 18

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 18 SAANICH INLET 1977
 LAT N48 31.22
 DATE 12/12/77
 TIME (PST) 2154

TAPE CZ0/78/ 1- 9
 LONG W123 32.27
 PASS NO. 1
 STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	20.58	8.30	16.00	161.95
2.0	2.0	29.53	9.35	22.82	70.76
5.3	5.3	29.81	9.41	23.03	11.26
10.0	10.0	29.91	9.47	23.10	5.57*
15.2	15.3	29.94	9.51	23.12	4.01*
20.1	20.2	29.97	9.55	23.13	3.58*
25.1	25.2	30.01	9.64	23.15	3.50*
30.3	30.4	30.02	9.61	23.16	3.53*
35.2	35.4	30.07	9.73	23.19	4.90
40.1	40.3	30.10	9.74	23.20	5.07*
45.0	45.2	30.13	9.72	23.23	4.53
50.2	50.4	30.19	9.75	23.27	6.26
60.2	60.4	30.33	9.84	23.37	4.82*
70.1	70.3	30.44	9.78	23.46	7.90*
80.2	80.6	30.63	9.60	23.64	7.13
90.1	90.4	30.85	9.32	23.85	8.36
100.1	100.6	31.06	9.03	24.07	6.97*
110.3	110.8	31.11	8.96	24.11	3.85*
120.1	120.7	31.15	8.89	24.15	3.11*
130.0	130.6	31.17	8.87	24.17	2.21*
140.2	140.8	31.18	8.87	24.18	2.03*
150.3	151.0	31.20	8.87	24.19	1.50*
160.1	160.9	31.21	8.87	24.20	

MAX DEPTH 167.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 18 SAANICH INLET 1977
 LAT N48 33.48
 DATE 12/12/77
 TIME (PST) 2234

TAPE CZ0/78/ 1- 10
 LONG W123 30.76
 PASS NO. 3
 STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.47	8.24	22.15	38.38
2.1	2.1	29.47	8.31	22.93	22.31
5.0	5.0	29.33	8.47	22.80	13.12*
10.0	10.1	29.19	8.32	22.70	13.20
15.2	15.3	29.72	8.44	23.10	13.21
20.3	20.3	29.75	8.56	23.11	6.63*
25.3	25.4	29.77	8.59	23.12	3.08*
30.1	30.2	29.87	8.87	23.15	2.54*
35.2	35.4	29.92	9.04	23.17	2.76*
40.3	40.4	29.95	9.09	23.19	4.22*
45.3	45.5	30.01	9.21	23.21	6.05
50.2	50.4	30.14	9.35	23.30	7.66*
60.2	60.5	30.27	9.44	23.38	7.48
70.2	70.5	30.56	9.56	23.59	6.40
80.1	80.5	30.71	9.32	23.74	7.11
90.1	90.5	30.86	9.23	23.87	5.88*
100.1	100.6	30.98	9.20	23.97	6.28*
110.2	110.7	31.08	9.10	24.07	5.44*
120.1	120.6	31.14	9.01	24.13	4.25
130.1	130.8	31.17	8.93	24.16	2.83*
140.2	140.9	31.19	8.92	24.18	1.76*
150.3	151.0	31.19	8.91	24.18	1.53*
160.0	160.8	31.20	8.88	24.19	1.98*
170.1	170.9	31.21	8.88	24.20	1.12*
180.2	181.0	31.22	8.89	24.20	1.22*
190.1	191.0	31.23	8.90	24.21	1.36*
200.0	201.0	31.23	8.90	24.21	1.43*
210.1	211.1	31.24	8.92	24.22	

MAX DEPTH 214.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 18 SAANICH INLET 1977
 LAT N48 35.33
 DATE 12/12/77
 TIME (PST) 2303

TAPE CZ0/78/ 1- 11
 LONG W123 30.13
 PASS NO. 5
 STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.01	8.13	21.82	50.08*
2.0	2.0	29.34	8.42	22.81	37.54*
5.3	5.3	29.41	8.43	22.86	18.73*
10.2	10.2	29.27	8.44	22.75	9.43
15.3	15.4	29.62	8.35	23.04	7.17
20.1	20.2	29.66	8.36	23.06	5.73*
25.2	25.3	29.78	8.87	23.09	5.03*
30.0	30.1	29.87	9.09	23.12	4.30*
35.1	35.3	29.89	9.02	23.15	4.58*
40.2	40.3	30.05	9.24	23.24	5.14*
45.2	45.4	30.11	9.54	23.24	4.82
50.1	50.3	30.20	9.59	23.30	5.67
60.2	60.4	30.32	9.31	23.45	8.04
70.1	70.4	30.49	9.22	23.59	7.59
80.3	80.7	30.65	9.15	23.72	6.04*
90.3	90.7	30.83	9.18	23.86	6.34
100.1	100.6	31.04	9.15	24.02	7.11*
110.2	110.7	31.14	9.08	24.12	4.45*
120.2	120.7	31.19	9.05	24.16	2.78*
130.2	130.8	31.19	9.00	24.17	1.83*
140.0	140.7	31.19	8.96	24.18	1.81*
150.2	150.9	31.21	8.97	24.18	1.91*
160.1	160.8	31.21	8.93	24.19	1.55*
170.1	170.9	31.21	8.92	24.20	1.30*
180.1	181.0	31.22	8.92	24.20	.99*
190.1	191.0	31.22	8.92	24.20	1.10*
200.1	201.1	31.23	8.92	24.21	1.21*
210.0	211.0	31.24	8.92	24.22	.67*
220.0	221.1	31.23	8.92	24.21	

MAX DEPTH 223.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 18 SAANICH INLET 1977
 LAT N48 37.30
 DATE 12/12/77
 TIME (PST) 0004

TAPE CZ0/78/ 1- 12
 LONG W123 29.90
 PASS NO. 7
 STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.54	7.66	21.51	16.69*
2.1	2.1	28.14	7.86	21.95	17.30*
5.3	5.3	29.16	8.23	22.70	18.22*
10.2	10.3	29.48	8.39	22.93	14.93*
15.2	15.2	29.64	8.32	23.05	7.94*
20.1	20.1	29.69	8.45	23.08	6.02
25.3	25.4	29.74	8.46	23.12	6.05*
30.2	30.3	29.83	8.63	23.16	4.24*
35.4	35.5	29.91	8.80	23.20	4.31*
40.2	40.4	30.01	9.08	23.24	4.51*
45.3	45.4	30.10	9.20	23.29	5.54*
50.3	50.5	30.14	9.03	23.35	6.37*
60.2	60.4	30.31	9.15	23.46	6.79
70.3	70.6	30.51	9.07	23.63	7.04*
80.2	80.6	30.58	9.07	23.68	6.15*
90.1	90.5	30.86	9.23	23.87	8.38
100.3	100.7	30.97	9.22	23.96	5.55
110.1	110.6	31.06	9.14	24.04	4.39*
120.3	120.9	31.11	9.07	24.09	4.10*
130.3	130.9	31.14	9.08	24.11	5.12
140.2	140.9	31.16	9.10	24.13	2.18*
150.1	150.8	31.18	9.08	24.14	2.31*
160.0	160.8	31.19	9.05	24.16	1.95*
170.2	171.0	31.20	9.02	24.17	2.01*
180.1	180.9	31.20	8.97	24.18	1.65*
190.3	191.2	31.20	8.93	24.18	1.53*
200.2	201.2	31.20	8.92	24.19	1.15*
210.1	211.1	31.21	8.92	24.19	.67*

MAX DEPTH 213.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 18 SAANICH INLET 1977
 LAT N48 39.26
 DATE 12/12/77
 TIME (PST) 0041

TAPE CZ0/78/ 1- 13
 LONG W123 30.13
 PASS NO. 9
 STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.10	8.16	22.66	+
2.2	2.2	29.07	8.20	22.63	.21*
5.1	5.1	29.09	8.20	22.64	.31
10.2	10.2	29.17	8.21	22.70	6.84
15.1	15.1	29.52	8.36	22.95	9.33
20.2	20.3	29.64	8.37	23.05	5.78*
25.1	25.2	29.81	8.71	23.13	6.10*
30.2	30.3	29.81	8.65	23.14	5.49*
35.1	35.2	29.93	8.84	23.21	4.70*
40.2	40.4	29.92	8.77	23.21	3.57*
45.2	45.4	29.93	8.90	23.20	5.17
50.2	50.4	29.98	8.38	23.31	8.70
60.1	60.4	30.09	8.40	23.40	6.36
70.2	70.4	30.37	8.92	23.54	5.95*
80.1	80.4	30.57	8.97	23.69	7.36
90.1	90.5	30.87	9.28	23.88	9.34*
100.3	100.7	31.02	9.21	24.00	5.08
110.0	110.5	31.12	9.13	24.09	4.77*
120.1	120.7	31.16	9.13	24.12	2.96*
130.2	130.8	31.18	9.10	24.14	2.64*
140.3	141.0	31.20	9.05	24.16	2.42*
150.1	150.8	31.20	9.03	24.17	1.42*
160.2	161.0	31.20	8.99	24.18	1.77*
170.2	171.0	31.20	8.96	24.18	1.30*
180.4	180.8	27.99	8.95	21.69	+

MAX DEPTH 180.9

CRUISE NO. 18 SAANICH INLET 1977
 LAT N48 41.58
 DATE 12/12/77
 TIME (PST) 0142

TAPE CZ0/78/ 1- 14
 LONG W123 30.15
 PASS NO. 11
 STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.58	8.07	22.27	17.81
2.1	2.1	28.68	8.13	22.34	13.47
5.1	5.2	28.83	8.19	22.45	14.91
10.3	10.3	29.55	8.37	22.98	13.86*
15.3	15.4	29.73	8.37	23.12	11.35*
20.1	20.2	29.81	8.32	23.19	8.48*
25.2	25.2	29.91	8.32	23.27	7.84
30.2	30.3	30.03	8.45	23.35	11.54*
35.2	35.3	30.02	8.49	23.33	4.55*
40.2	40.4	30.07	8.25	23.40	4.51*
45.1	45.2	30.07	8.25	23.41	4.75*
50.2	50.4	30.15	8.28	23.46	4.23*
60.1	60.3	30.20	8.39	23.48	6.36

MAX DEPTH 68.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 18 SAANICH INLET 1977
 LAT N48 43.75
 DATE 13/12/77
 TIME (PST) 0202

TAPE CZ0/78/ 1- 15
 LONG W123 32.46
 PASS NO. 13
 STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.75	8.11	21.61	22.02
2.1	2.1	27.77	8.11	21.63	6.60*
5.1	5.1	28.26	8.20	22.00	16.66
10.0	10.1	29.40	8.37	22.87	11.30
15.2	15.2	29.58	8.43	22.99	6.50*
20.2	20.3	29.61	8.42	23.02	5.12
25.0	25.1	29.66	8.42	23.06	7.46
30.1	30.2	29.71	8.40	23.10	2.92*
35.2	35.3	29.72	8.40	23.11	3.12*
40.1	40.3	29.73	8.40	23.11	4.78*
45.1	45.3	29.80	8.37	23.17	5.50
50.0	50.2	29.84	8.34	23.21	6.07*
60.2	60.4	29.99	8.30	23.33	5.84
70.1	70.4	30.12	8.37	23.43	2.70*
80.0	80.3	30.13	8.33	23.44	.69*
90.1	90.5	30.14	8.30	23.45	1.79*
100.1	100.5	30.18	8.40	23.47	5.08

MAX DEPTH 101.7

CRUISE NO. 18 SAANICH INLET 1977
 LAT N48 43.40
 DATE 13/12/77
 TIME (PST) 0245

TAPE CZ0/78/ 1- 16
 LONG W123 25.07
 PASS NO. 15
 STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.82	8.17	23.22	4.39*
2.1	2.1	29.82	8.17	23.22	1.33*
5.3	5.3	29.83	8.17	23.23	3.48*
10.2	10.2	29.86	8.16	23.26	2.57*
15.2	15.3	29.87	8.16	23.26	1.66*
20.2	20.3	29.88	8.16	23.27	6.46
25.2	25.3	29.93	8.17	23.31	4.17
30.1	30.2	29.96	8.15	23.33	4.05*
35.1	35.3	29.97	8.14	23.34	2.37*
40.3	40.5	29.99	8.14	23.36	2.42*
45.2	45.3	30.00	8.14	23.36	2.22*
50.2	50.4	30.02	8.13	23.38	1.56*
60.2	60.4	30.02	8.14	23.38	2.40*
70.2	70.5	30.08	8.13	23.43	5.76*
80.1	80.4	30.11	8.13	23.45	5.66

MAX DEPTH 87.3

DISSOLVED OXYGEN

COASTAL ZONE OCEANOGRAPHY
 SAANICH INLET CRUISES
 DEPTH(M)--DISSOLVED OXYGEN(ML/L)

STATION 3

N48 35.33 W123 30.13
 DATE 25/01/77
 TIME (PST) 1224-1228

DEPTH	OXYGEN
75	3.967
100	0.758
125	0.193
150	0.152
175	0.152
200	0.000

STATION 3

N48 35.33 W123 30.13
 DATE 01/03/77
 TIME (PST) 1104-1119

DEPTH	OXYGEN
75	4.184
100	1.381
125	0.137
150	0.178
175	0.000
200	0.000

STATION 5

N48 39.26 W123 30.13
 DATE 25/01/77
 TIME (PST) 1339-1342

DEPTH	OXYGEN
75	4.311
100	0.455
125	0.165
150	0.165
175	0.000

STATION 5

N48 39.26 W123 30.13
 DATE 01/03/77
 TIME (PST) 1229-1241

DEPTH	OXYGEN
75	4.020
100	1.231
125	0.164
150	0.109
175	0.000

STATION 8

N48 43.40 W123 25.07
 DATE 25/01/77
 TIME (PST) 1528-1531

DEPTH	OXYGEN
20	5.275
40	5.193
60	4.980
80	4.959

STATION 8

N48 43.40 W123 25.07
 DATE 01/03/77
 TIME (PST) 1421-1429

DEPTH	OXYGEN
20	5.497
40	5.497
60	5.333
80	5.182

COASTAL ZONE OCEANOGRAPHY
 SAANICH INLET CRUISES
 DEPTH(M)--DISSOLVED OXYGEN(ML/L)

STATION 3

N48 35.33 W123 30.13
 DATE 06/04/77
 TIME (PST) 1432-1445

DEPTH	OXYGEN
75	3.830
100	2.060
125	0.180
150	0.200
175	0.000
200	0.000

STATION 3

N48 35.33 W123 30.13
 DATE 03/05/77
 TIME (PST) 1139-1145

DEPTH	OXYGEN
75	3.589
100	1.892
150	0.306
125	0.292
175	0.000
200	0.000

STATION 5

N48 39.26 W123 30.13
 DATE 06/04/77
 TIME (PST) 1320-1331

DEPTH	OXYGEN
75	4.900
100	3.310
125	0.210
150	0.250
175	0.150

STATION 5

N48 39.26 W123 30.13
 DATE 04/05/77
 TIME (PST) 1130-1141

DEPTH	OXYGEN
75	3.589
100	3.074
125	0.751
150	0.000
175	0.000

STATION 8

N48 43.40 W123 25.07
 DATE 06/04/77
 TIME (PST) 1124-1133

DEPTH	OXYGEN
20	6.010
40	6.000
60	6.010
80	5.990

STATION 8

N48 43.40 W123 25.07
 DATE 04/05/77
 TIME (PST) 1312

DEPTH	OXYGEN
20	5.814
40	5.592
60	5.453
80	N/A

COASTAL ZONE OCEANOGRAPHY
 SAANICH INLET CRUISES
 DEPTH(M)--DISSOLVED OXYGEN(ML/L)

STATION 3

N48 35.33 W123 30.13
 DATE 03/06/77
 TIME (PST) 0905-1005

DEPTH	OXYGEN
75	4.633
100	2.371
125	0.233
150	0.000
175	0.000
200	0.000

STATION 3

N48 35.33 W123 30.13
 DATE 04/07/77
 TIME (PST) 1027-1041

DEPTH	OXYGEN
75	3.233
100	2.220
125	0.305
150	0.000
175	0.000
200	0.000

STATION 5

N48 39.26 W123 30.13
 DATE 03/06/77
 TIME (PST) 1108-1121

DEPTH	OXYGEN
75	3.920
100	1.521
125	0.576
150	0.000
175	0.000

STATION 5

N48 39.26 W123 30.13
 DATE 04/07/77
 TIME (PST) 1139-1150

DEPTH	OXYGEN
75	2.956
100	2.414
125	0.472
150	0.000
175	0.000

STATION 8

N48 43.40 W123 25.07
 DATE 03/06/77
 TIME (PST) 1258-1305

DEPTH	OXYGEN
20	5.565
40	5.483
60	5.538
80	5.401

STATION 8

N48 43.40 W123 25.07
 DATE 04/07/77
 TIME (PST) 1326

DEPTH	OXYGEN
20	4.954
40	4.635
60	4.635
80	4.440

COASTAL ZONE OCEANOGRAPHY
 SAANICH INLET CRUISES
 DEPTH(M)--DISSOLVED OXYGEN(ML/L)

STATION 3

N48 35.33 W123 30.13
 DATE 21/07/77
 TIME (PST) 1233-1248
 DEPTH OXYGEN
 75 1.673
 100 1.088
 125 0.390
 150 0.000
 175 0.000
 200 0.000

STATION 5

N48 39.26 W123 30.13
 DATE 21/07/77
 TIME (PST) 1411
 DEPTH OXYGEN
 75 2.636
 100 2.315
 125 1.743
 150 N/A
 175 N/A

STATION 8

N48 43.40 W123 25.07
 DATE
 TIME (PST)
 DEPTH OXYGEN
 N/A N/A

STATION 3

N48 35.33 W123 30.13
 DATE 30/08/77
 TIME (PST) 1222-1237
 DEPTH OXYGEN
 75 3.408
 100 0.986
 125 1.099
 150 0.817
 175 0.324
 200 0.634

STATION 5

N48 39.26 W123 30.13
 DATE 30/08/77
 TIME (PST) 1334
 DEPTH OXYGEN
 75 2.310
 100 1.310
 125 0.860
 150 0.676
 175 9.999

STATION 8

N48 43.40 W123 25.07
 DATE 30/08/77
 TIME (PST) 1509
 DEPTH OXYGEN
 20 4.845
 40 4.465
 60 4.357
 80 4.287

COASTAL ZONE OCEANOGRAPHY
 SAANICH INLET CRUISES
 DEPTH(M)--DISSOLVED OXYGEN(ML/L)

STATION 3

N48 35.33 W123 30.13
 DATE 22/09/77
 TIME (PST) 1005-1018

DEPTH	OXYGEN
75	0.535
100	0.394
125	0.352
150	0.211
175	0.000
200	0.000

STATION 3

N48 35.33 W123 30.13
 DATE 07/11/77
 TIME (PST) 1059-1113

DEPTH	OXYGEN
75	2.739
100	0.365
125	0.225
150	0.112
175	0.000
200	0.000

STATION 5

N48 39.26 W123 30.13
 DATE 22/09/77
 TIME (PST) 1134-1145

DEPTH	OXYGEN
75	1.479
100	0.760
125	0.620
150	0.422
175	0.000

STATION 5

N48 39.26 W123 30.13
 DATE 07/11/77
 TIME (PST) 1234-1245

DEPTH	OXYGEN
75	3.442
100	0.295
125	0.183
150	0.140
175	0.140

STATION 8

N48 43.40 W123 25.07
 DATE 22/09/77
 TIME (PST) 1320

DEPTH	OXYGEN
20	4.760
40	4.491
60	4.250
80	3.730

STATION 8

N48 43.40 W123 25.07
 DATE 07/11/77
 TIME (PST) 1424

DEPTH	OXYGEN
20	4.748
40	4.439
60	4.004
80	4.074

COASTAL ZONE OCEANOGRAPHY
SAANICH INLET CRUISES
DEPTH(M)--DISSOLVED OXYGEN(ML/L)

STATION 3

N48 35.33 W123 30.13

DATE 12/12/77

TIME (PST) 2338-2344

DEPTH	OXYGEN
70	3.547
95	0.550
120	0.111
150	0.111
175	0.000
200	0.000

STATION 5

N48 39.26 W123 30.13

DATE 13/12/77

TIME (PST) 0054-0109

DEPTH	OXYGEN
75	4.048
100	0.167
125	0.139
150	0.946
175	0.000

STATION 8

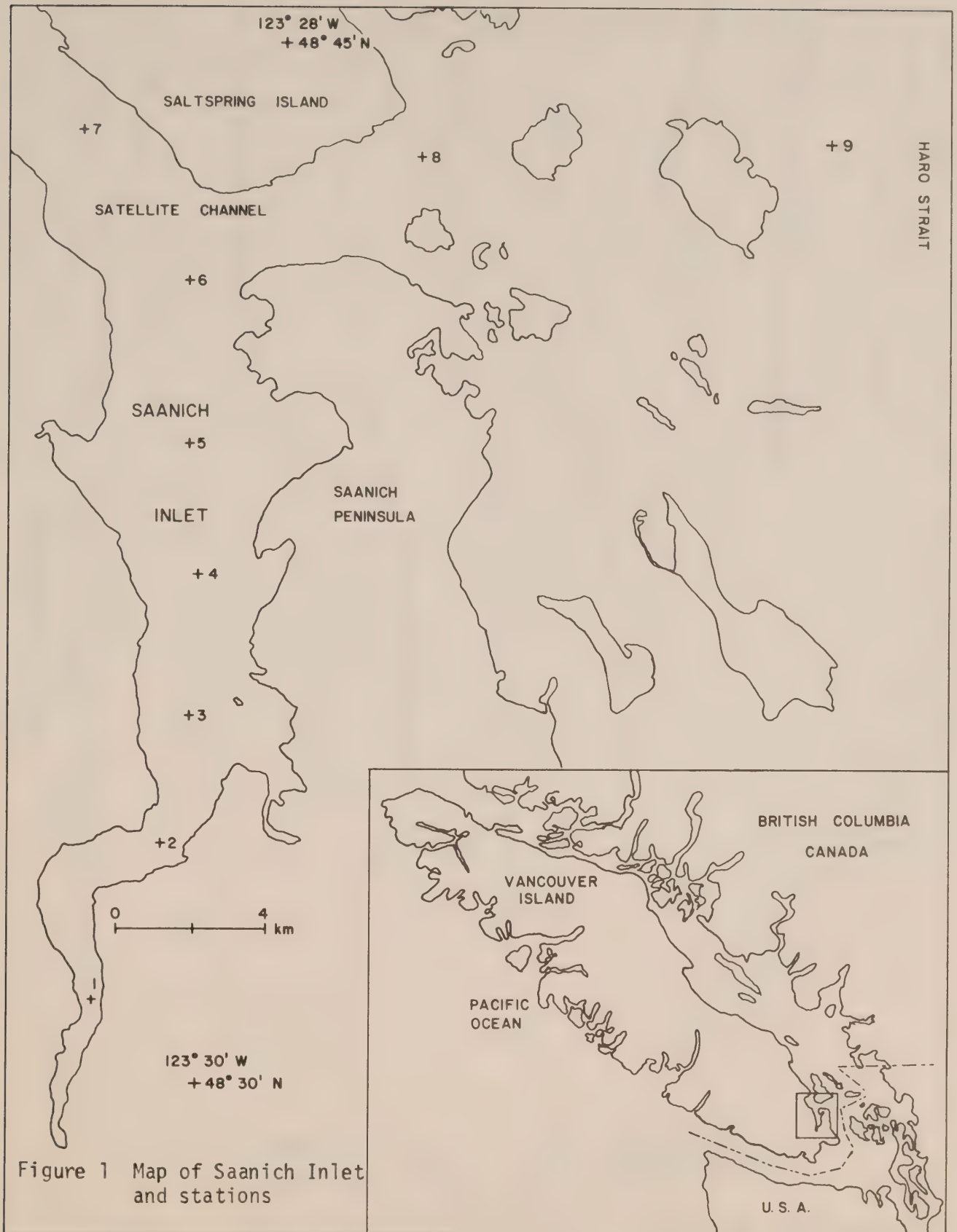
N48 43.40 W123 25.07

DATE 13/12/77

TIME (PST) 0305

DEPTH	OXYGEN
20	5.397
40	5.425
60	5.425
80	5.467

FIGURES



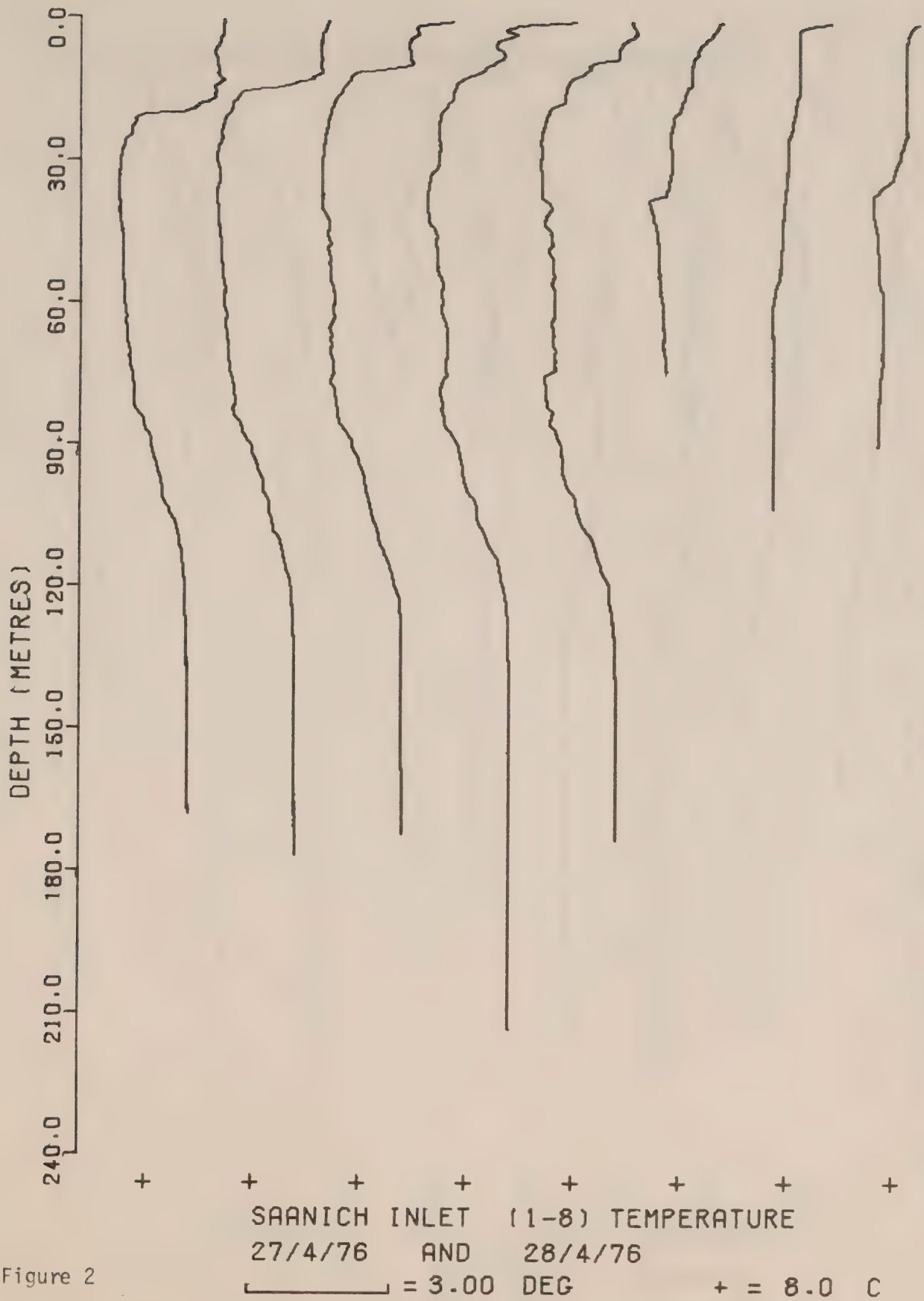


Figure 2

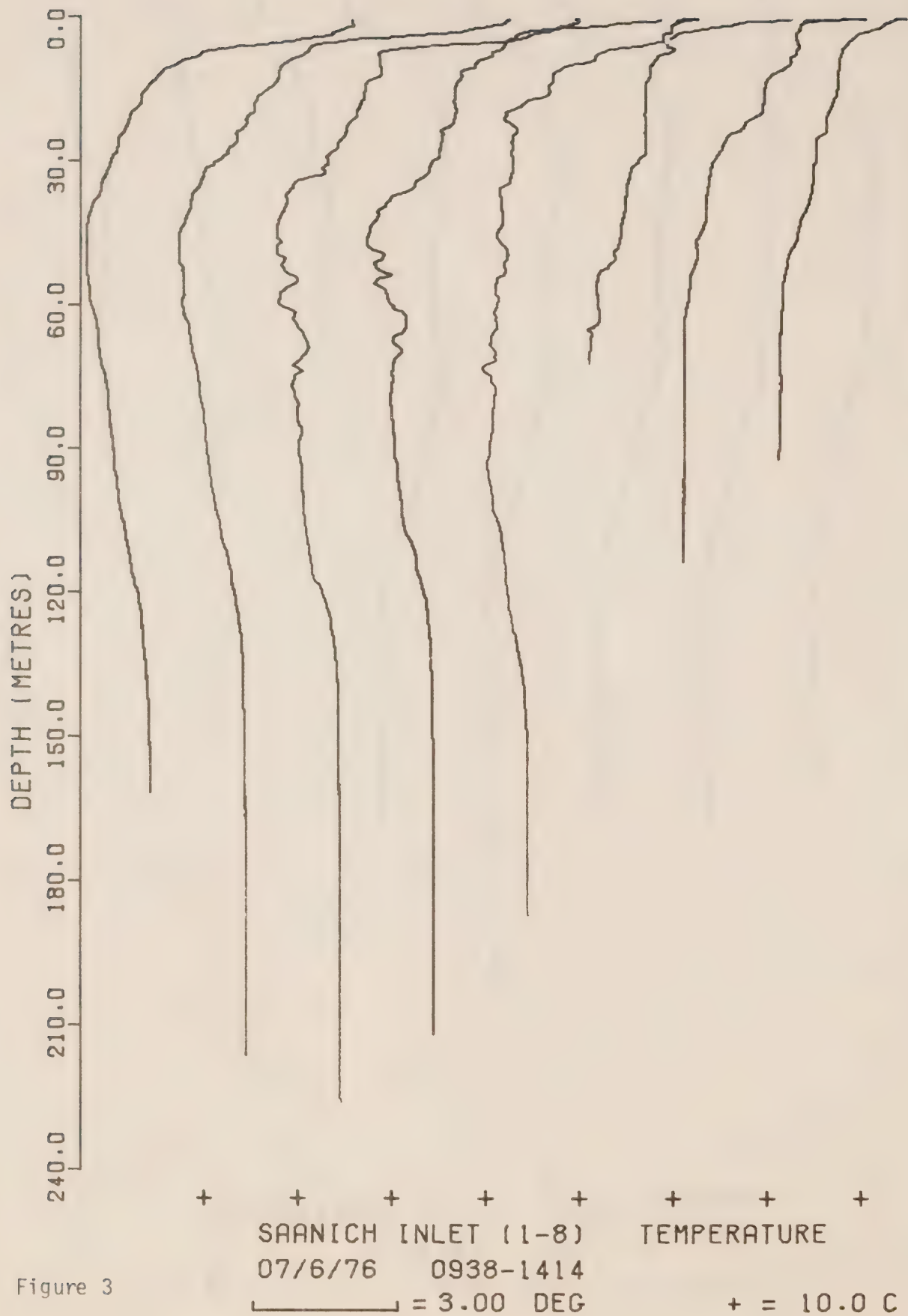


Figure 3

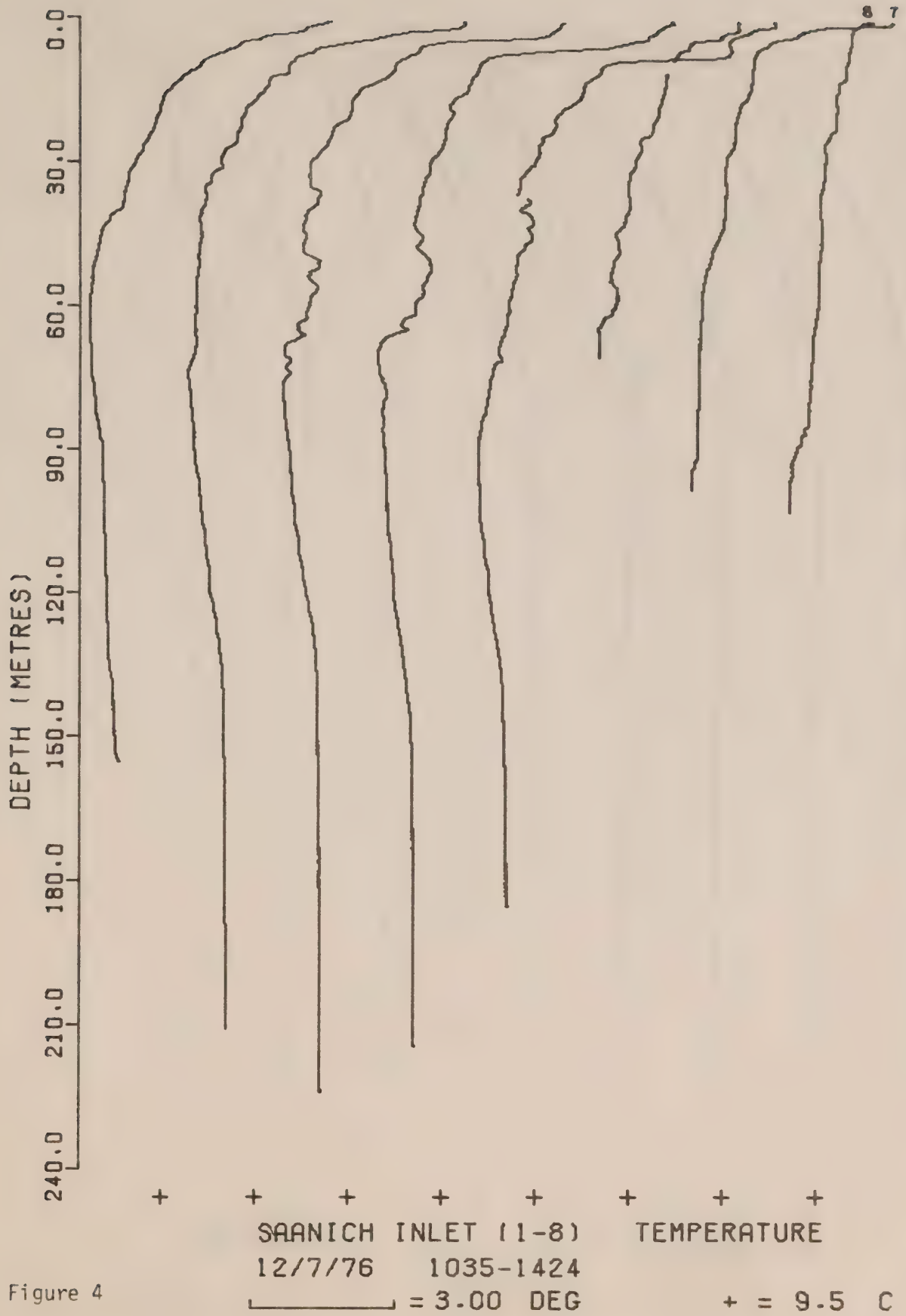


Figure 4

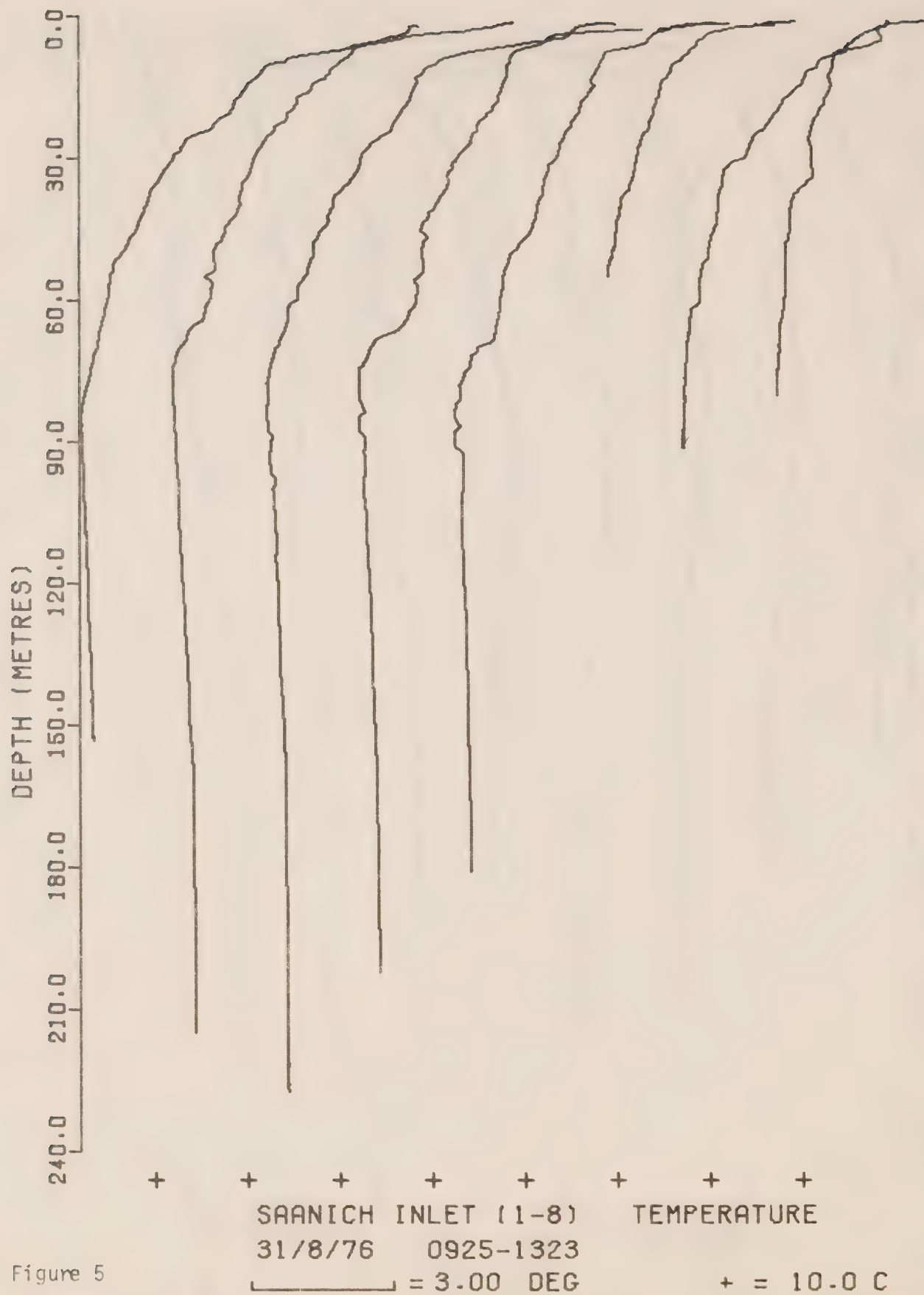


Figure 5

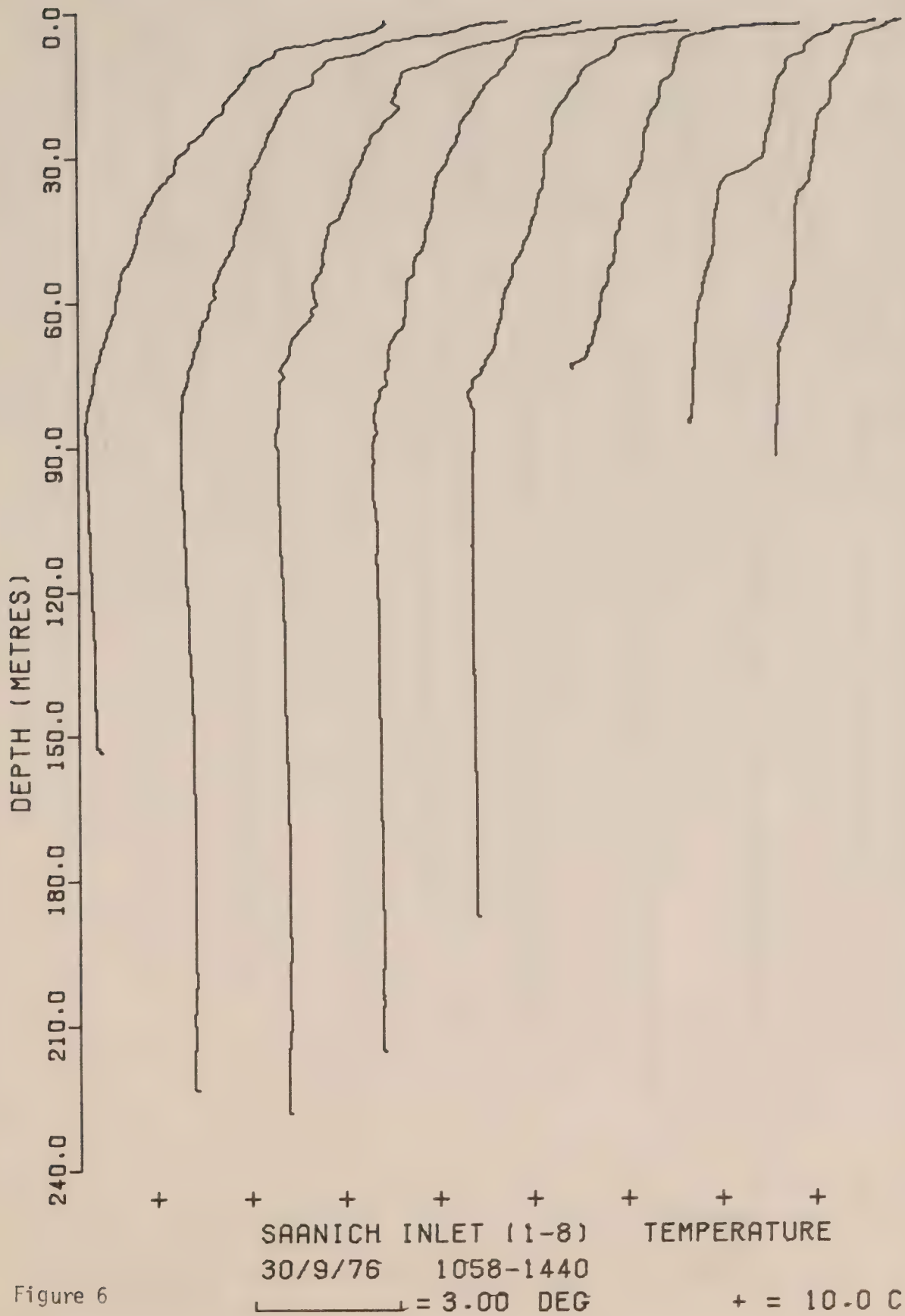


Figure 6

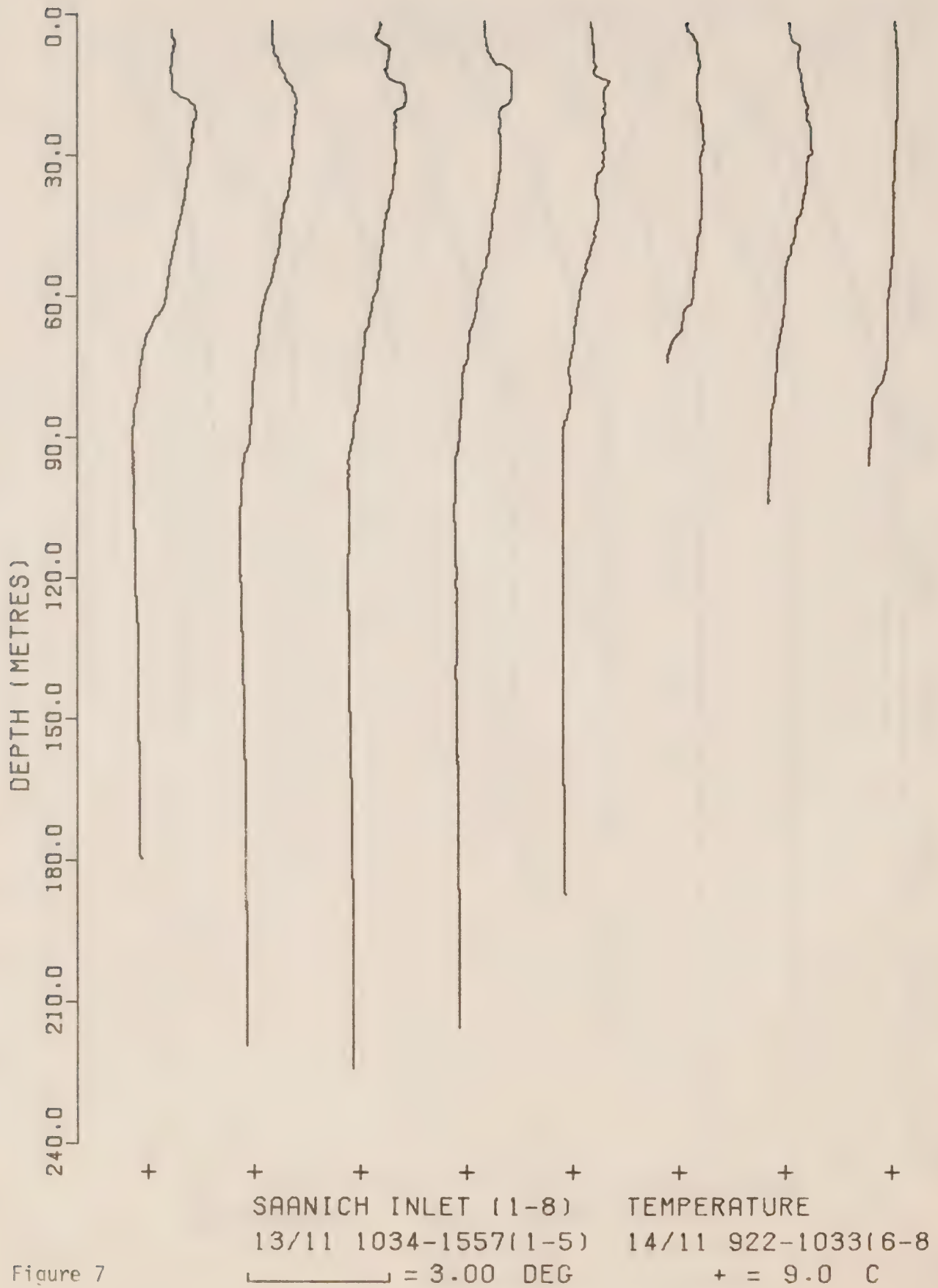


Figure 7

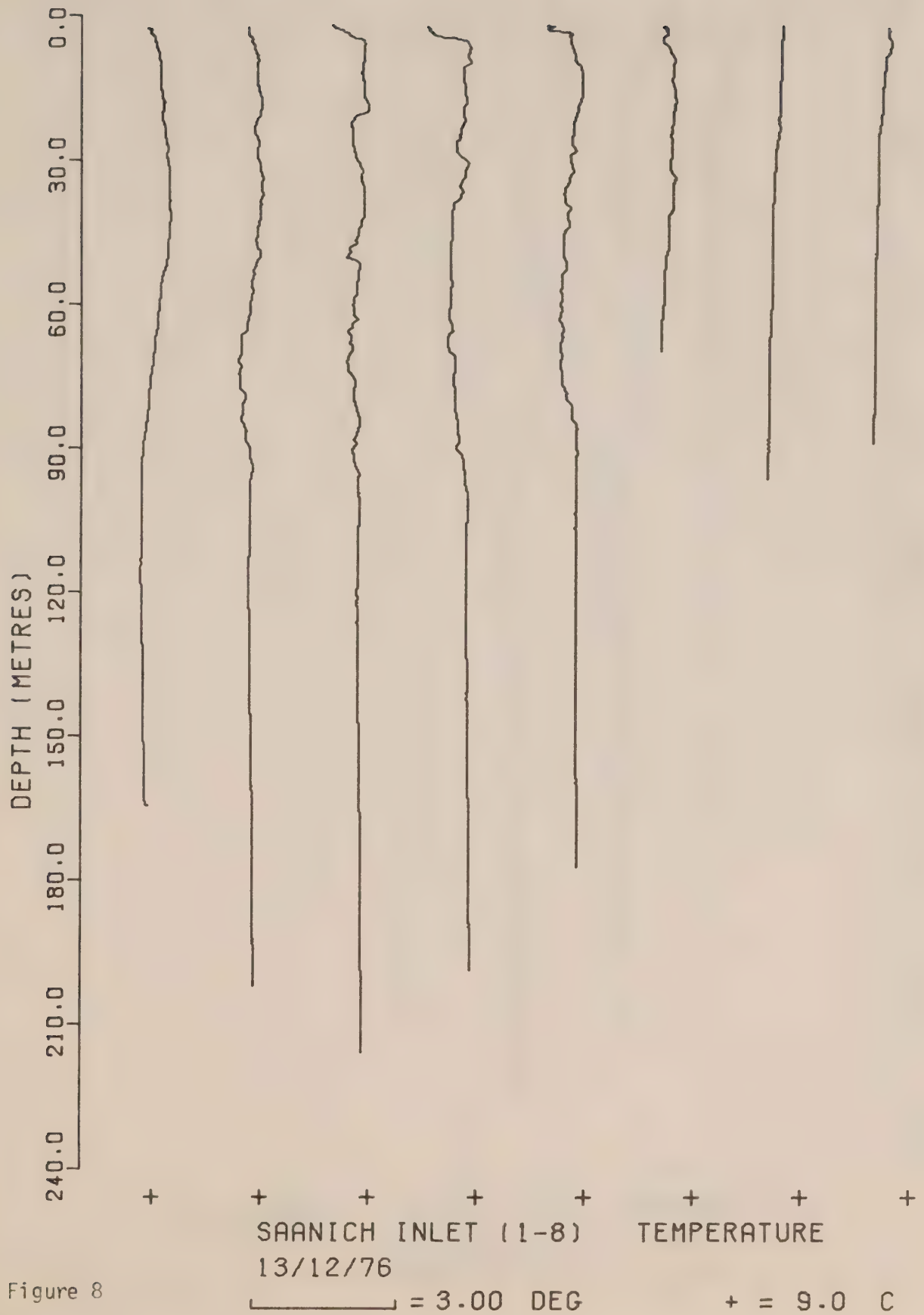


Figure 8

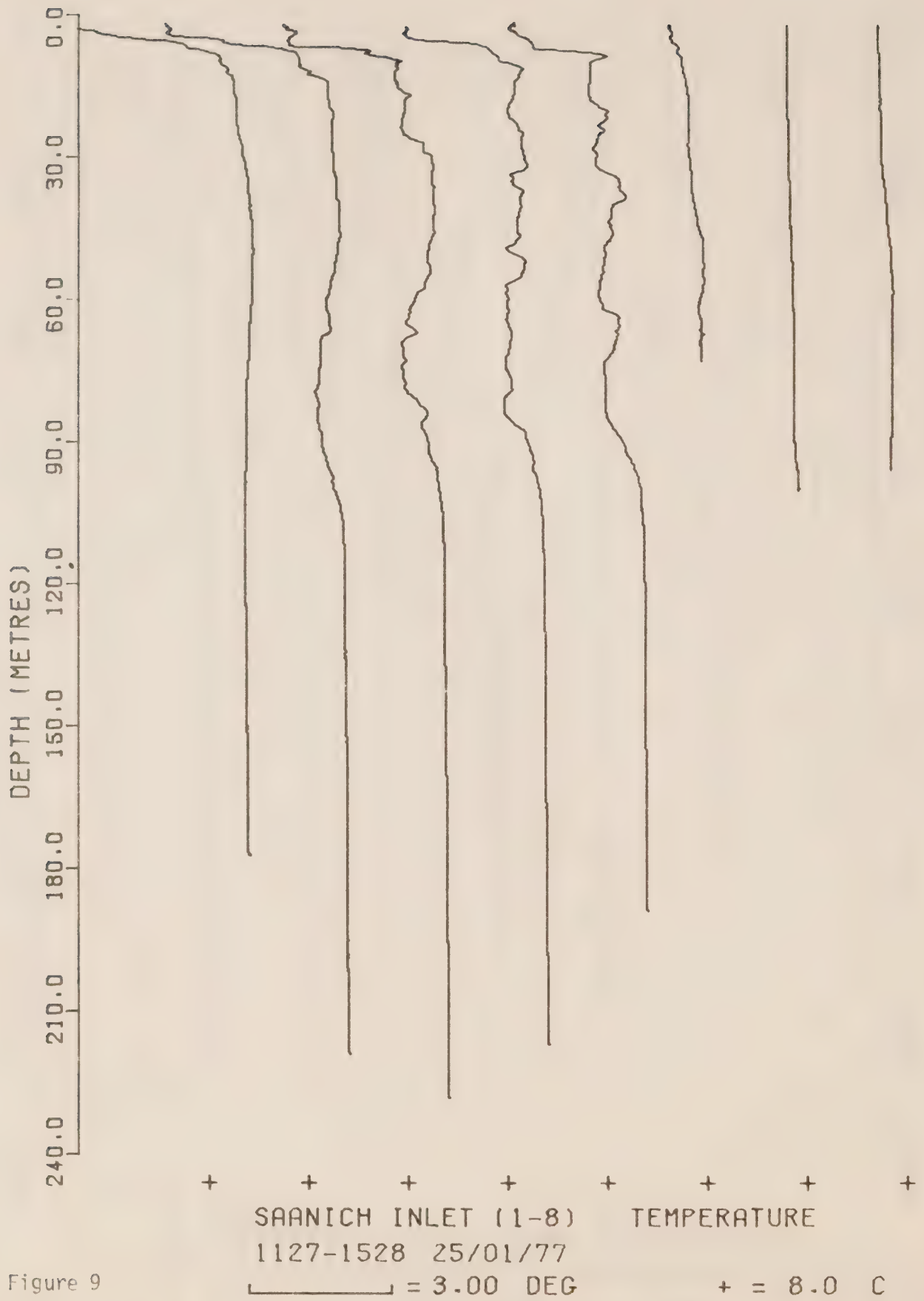


Figure 9

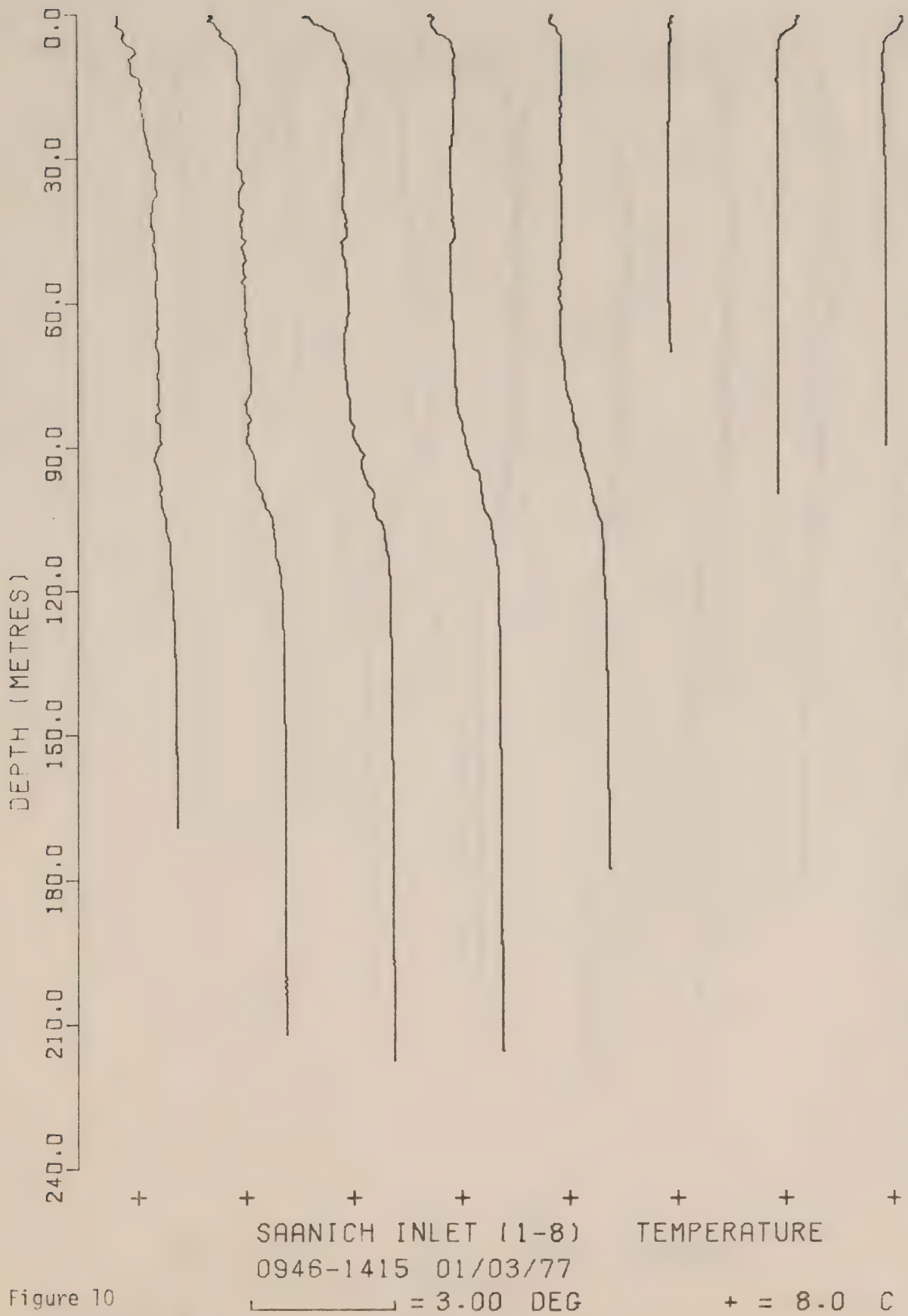


Figure 10

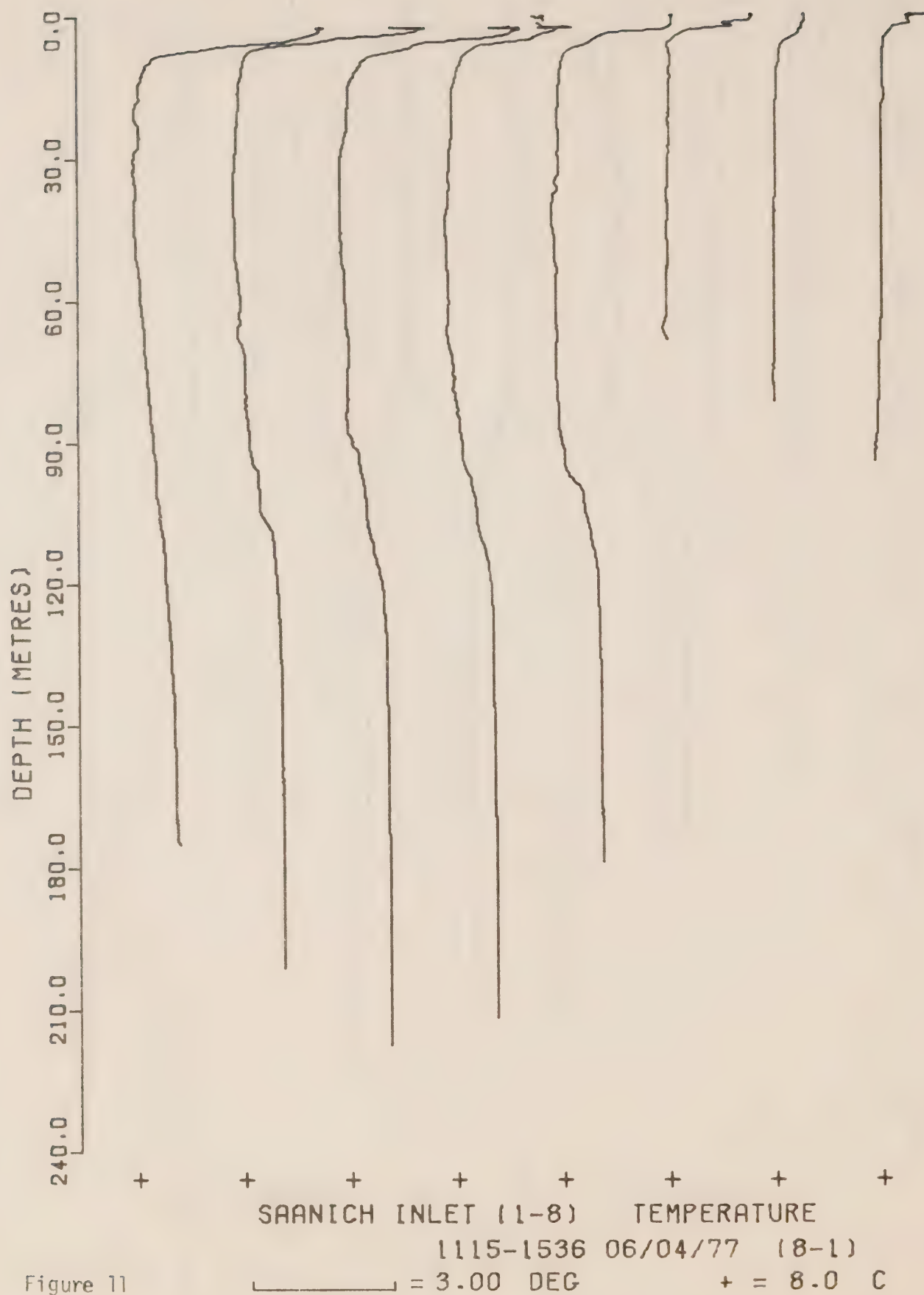


Figure 11

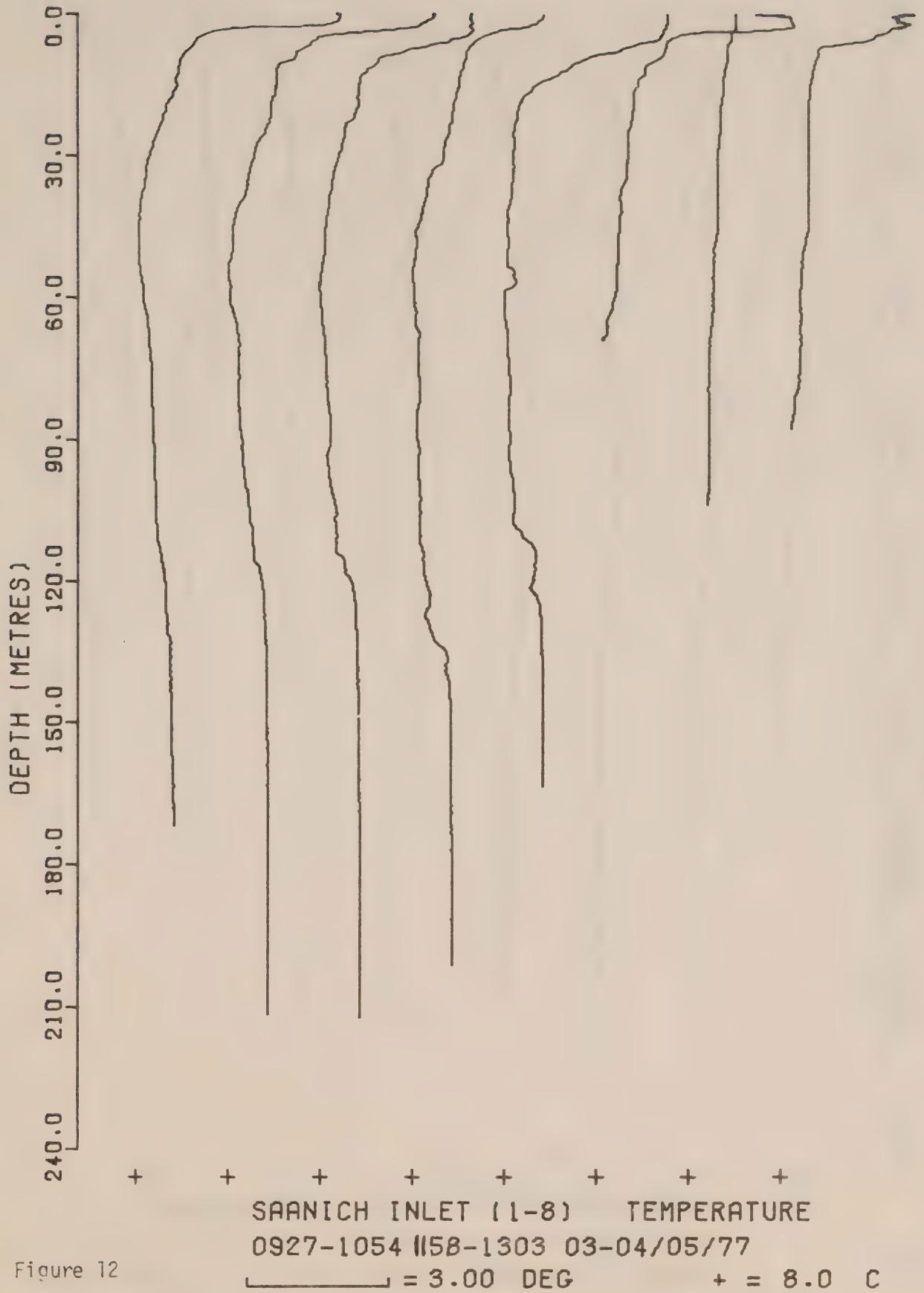


Figure 12

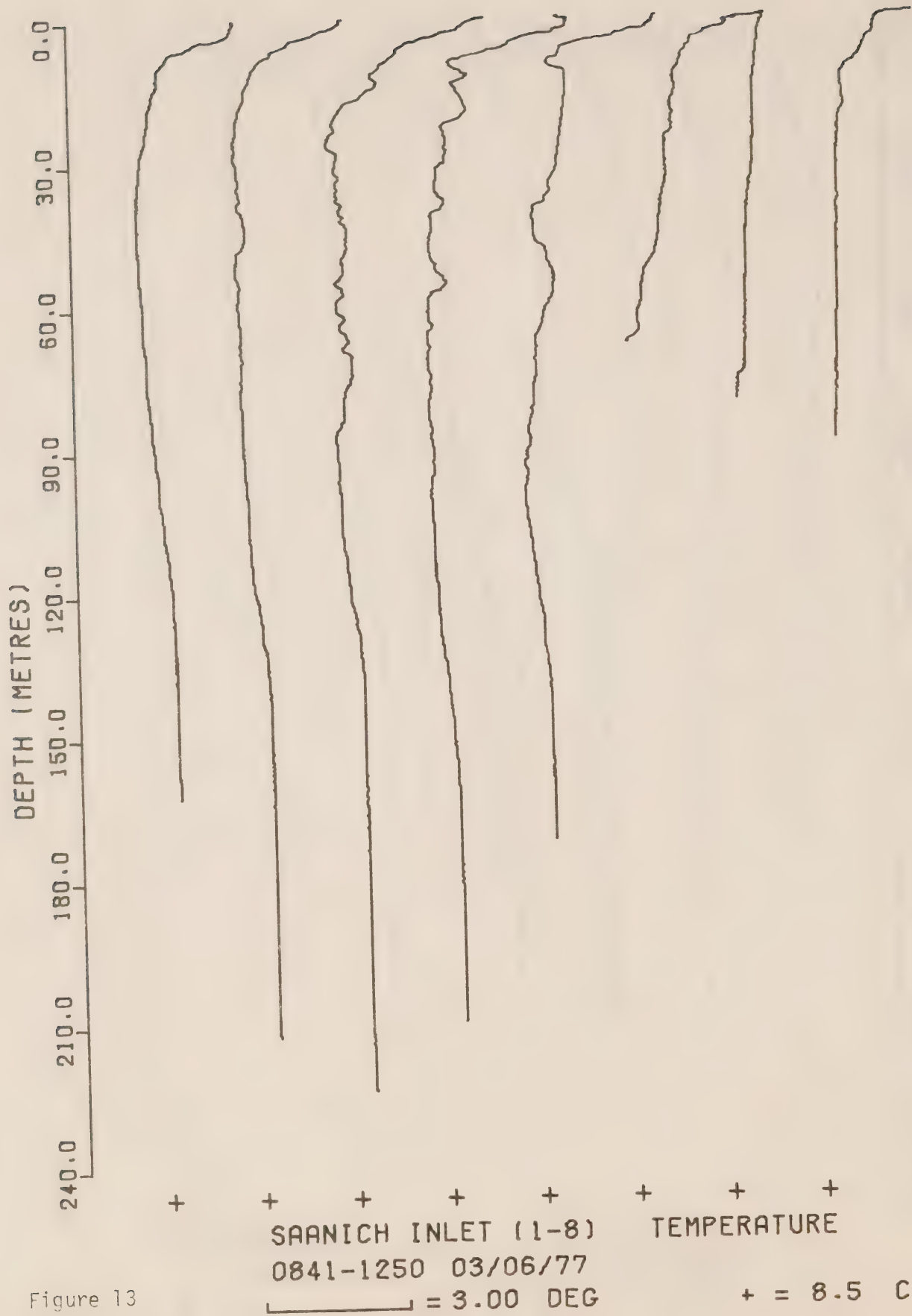


Figure 13

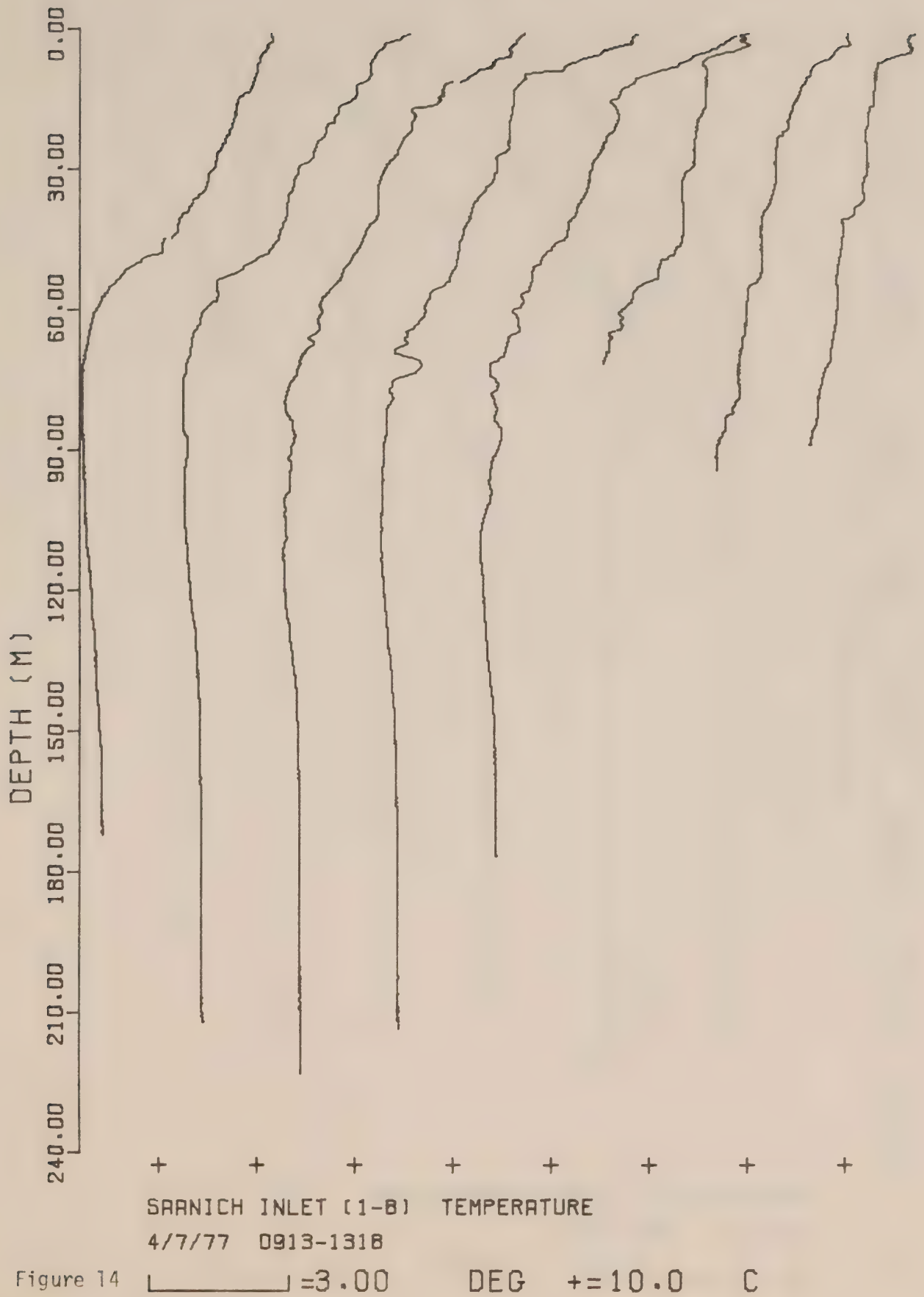


Figure 14

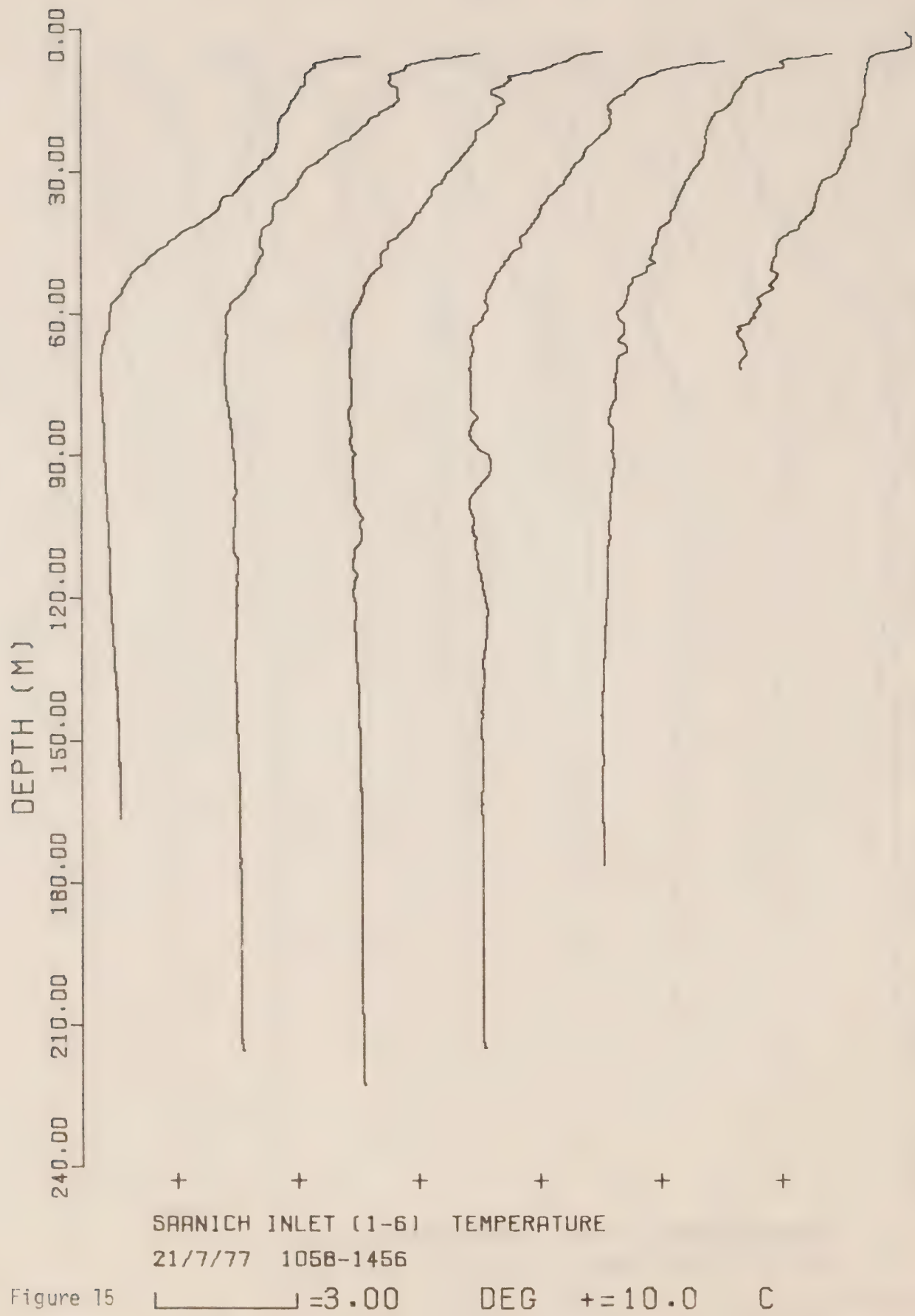
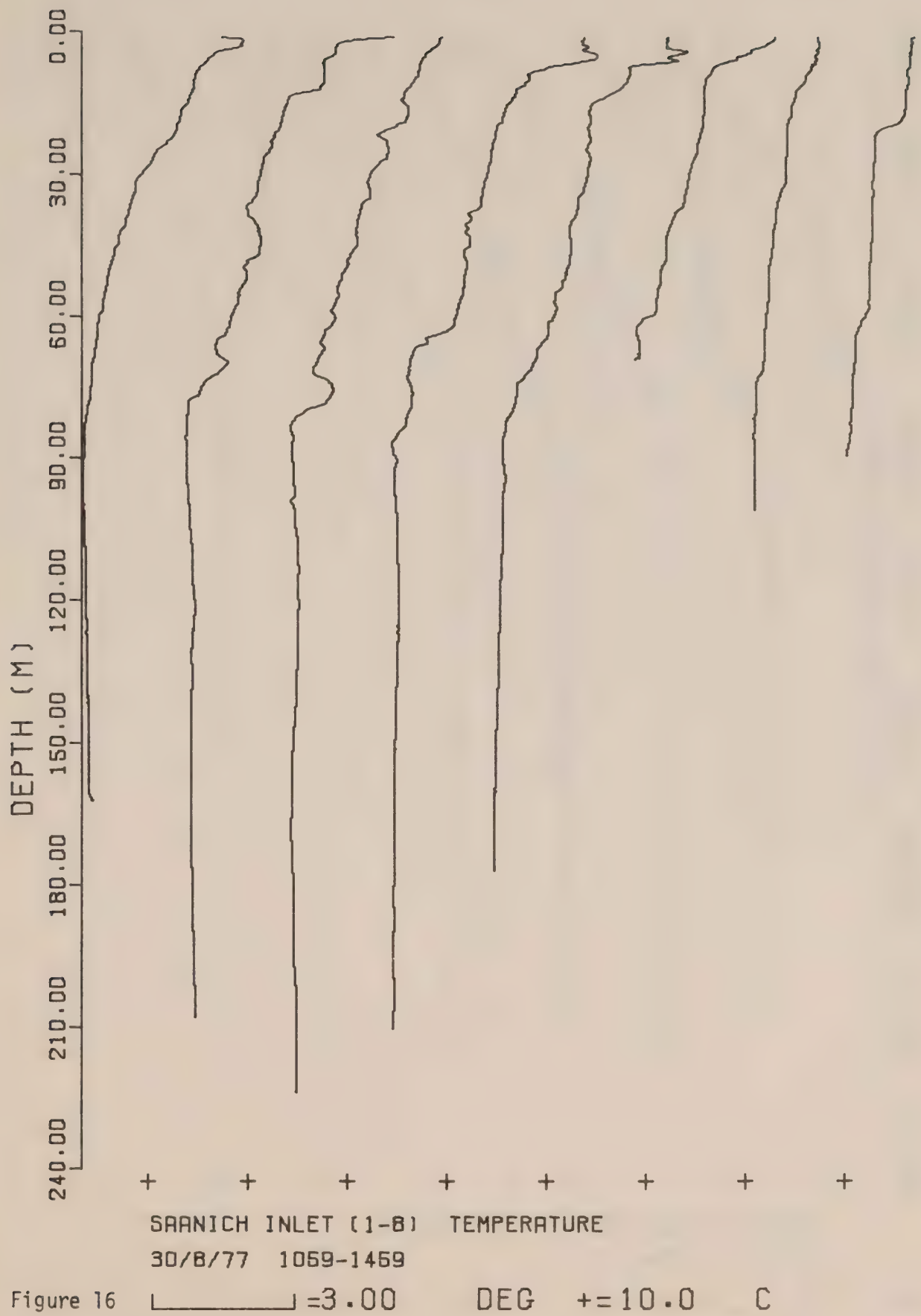
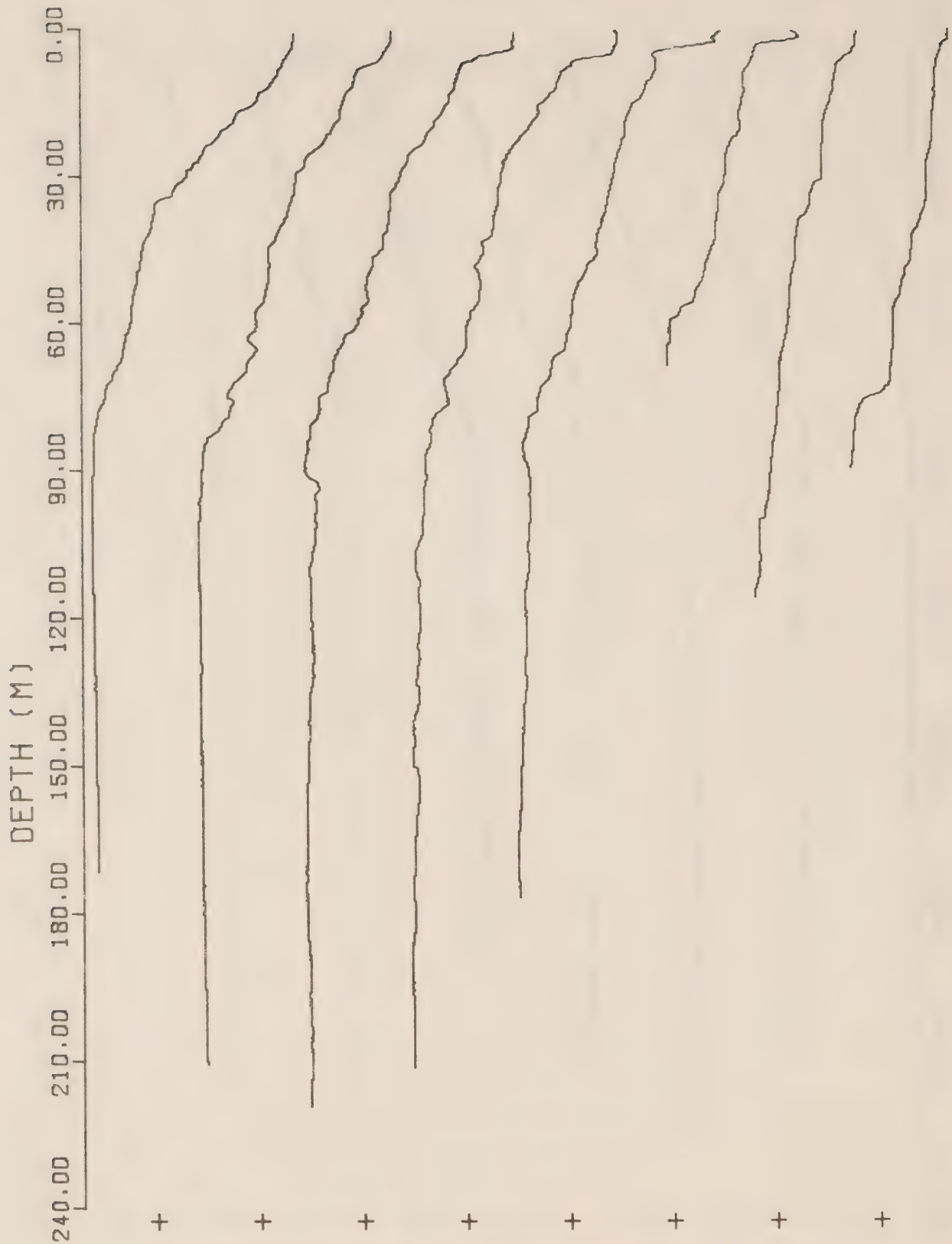


Figure 15

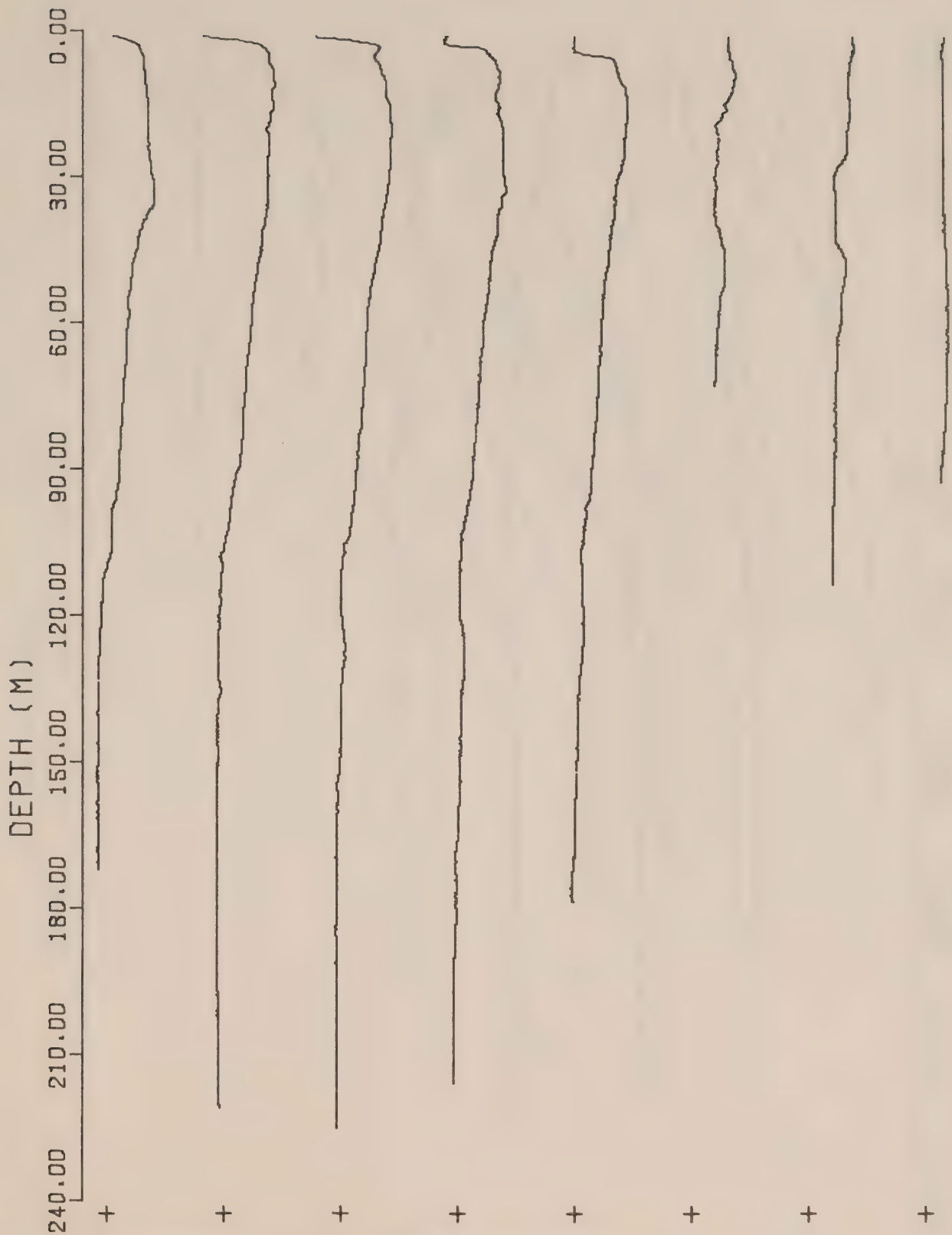




SARNICH INLET (1-8) TEMPERATURE

22/9/77 0845-1311

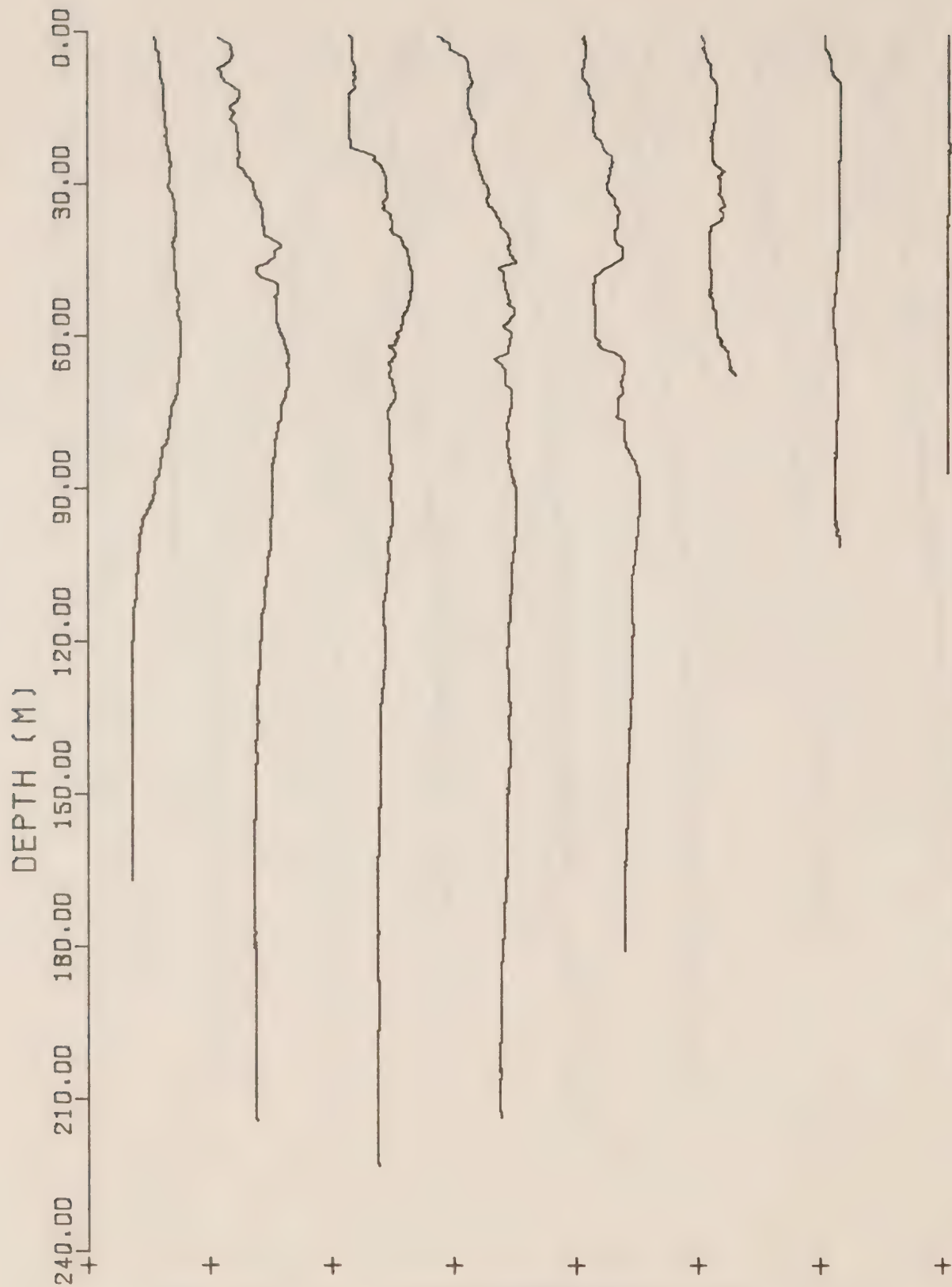
Figure 17 = 3.00 DEG ± 10.0 C



SARNICH INLET (1-8) TEMPERATURE

7/11/77 0932-1415

Figure 18 = 3.00 DEG += 9.0 C



SAANICH INLET (1-8) TEMPERATURE

12-13/12/77 2154-0245

Figure 19 = 3.00 DEG += 8.0 C

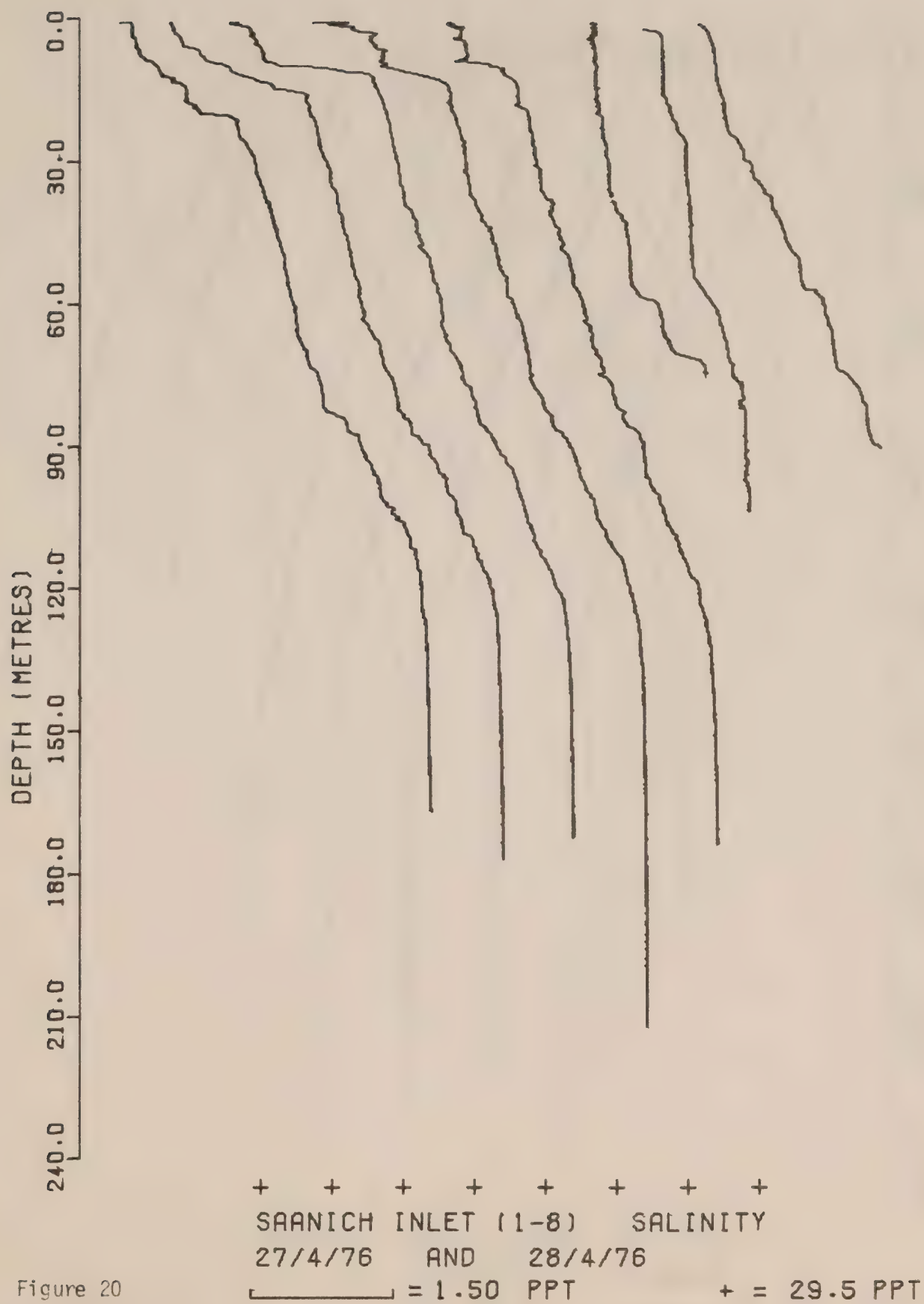


Figure 20

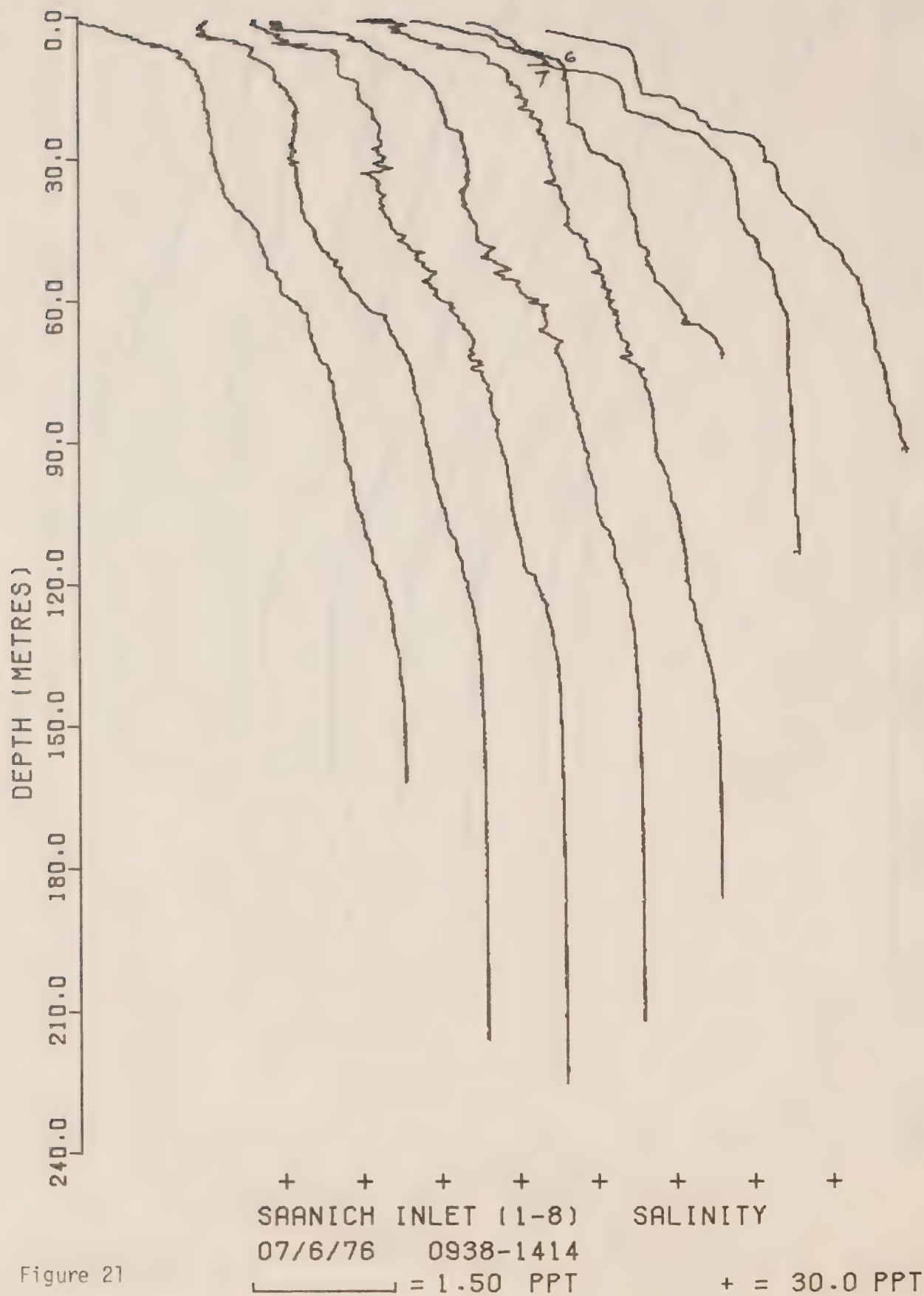


Figure 21

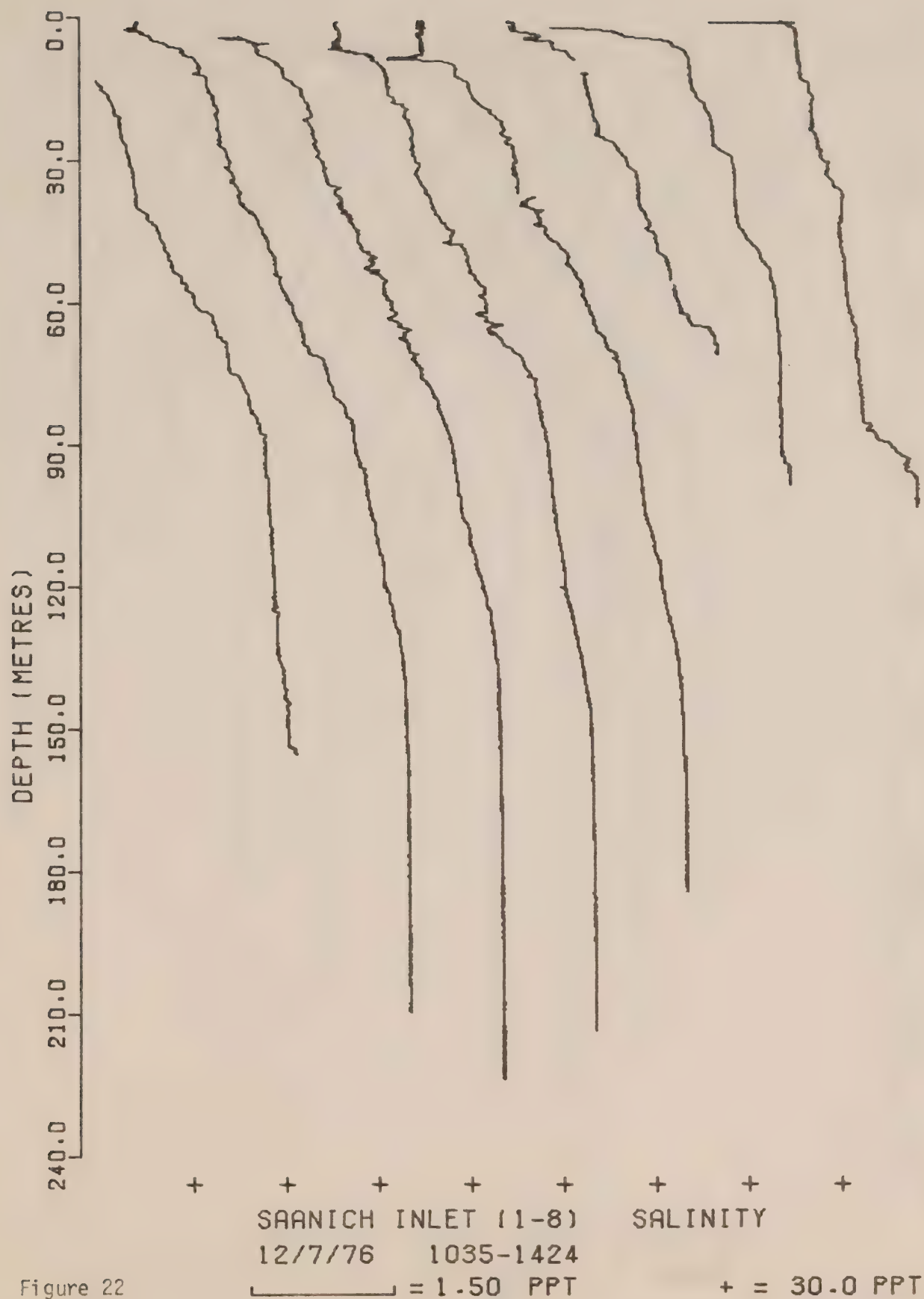


Figure 22

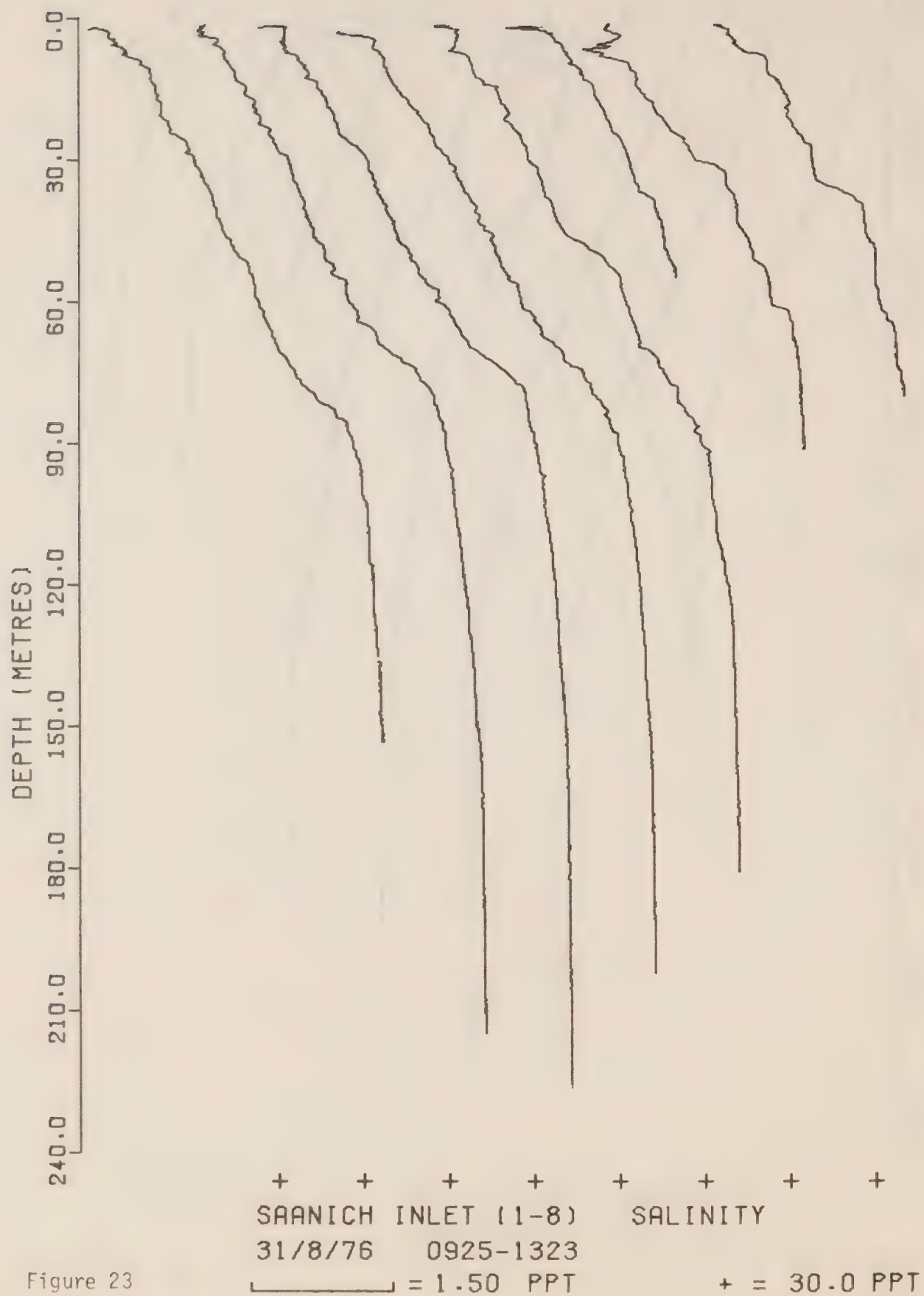


Figure 23

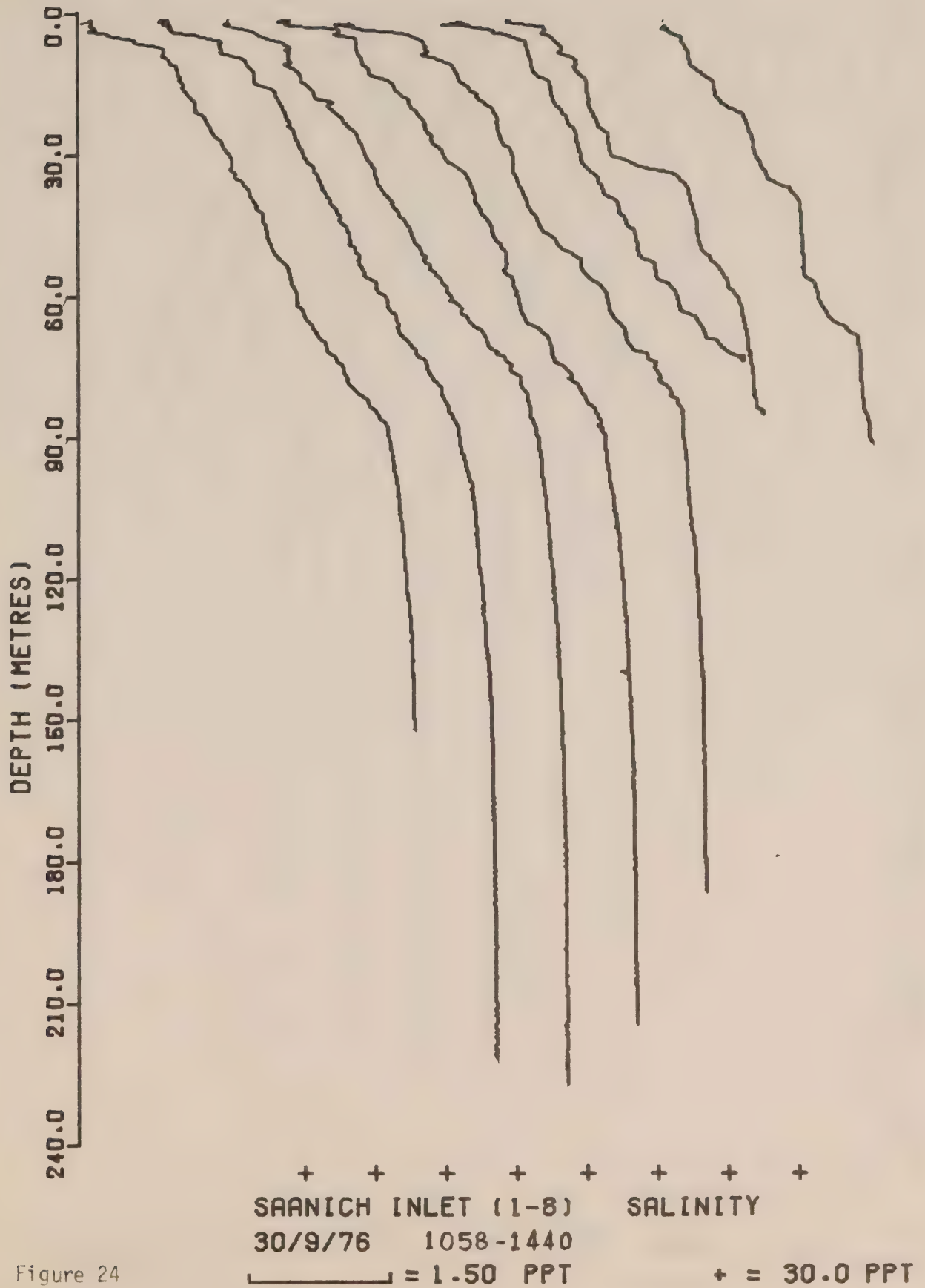


Figure 24

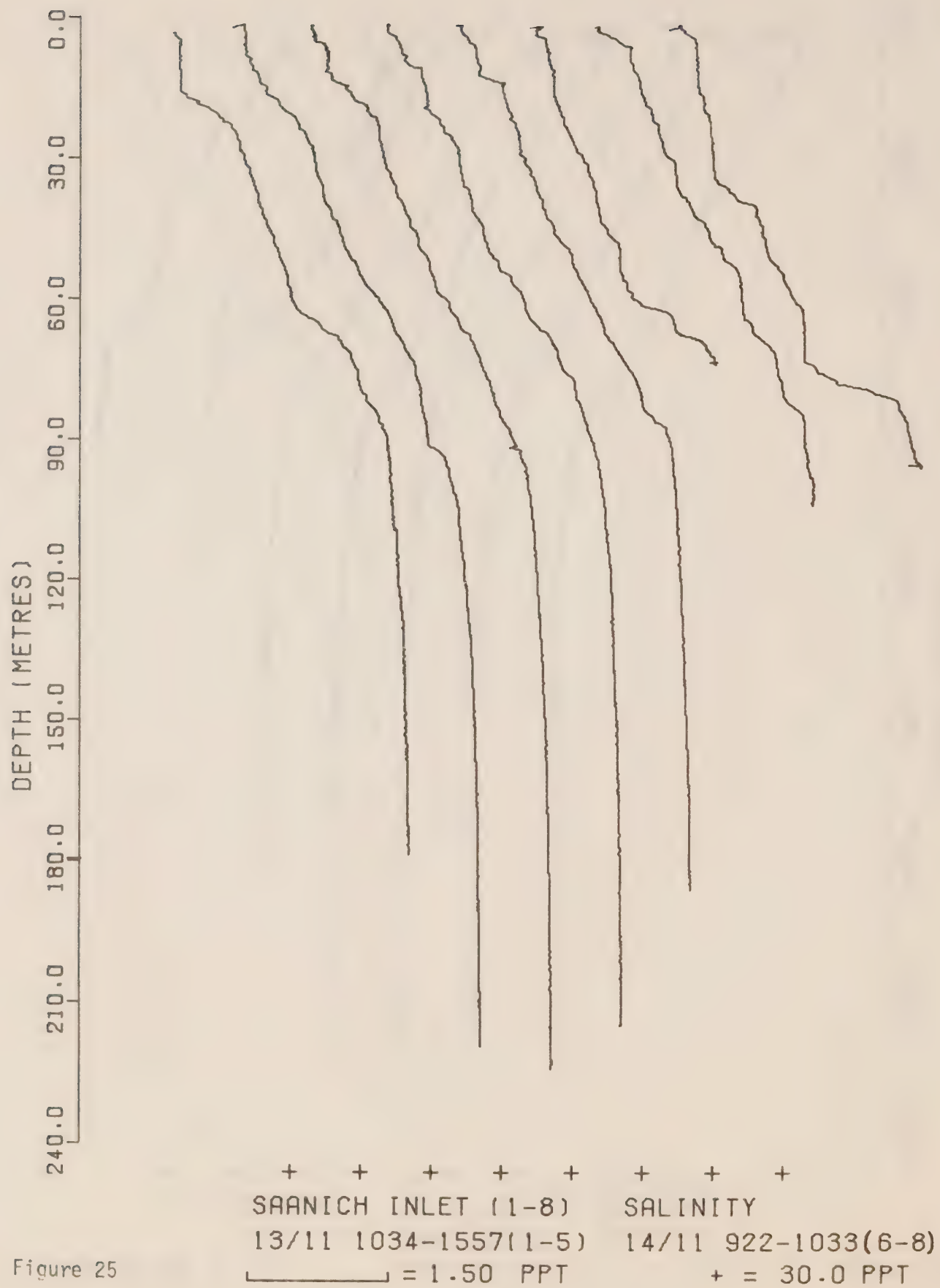


Figure 25

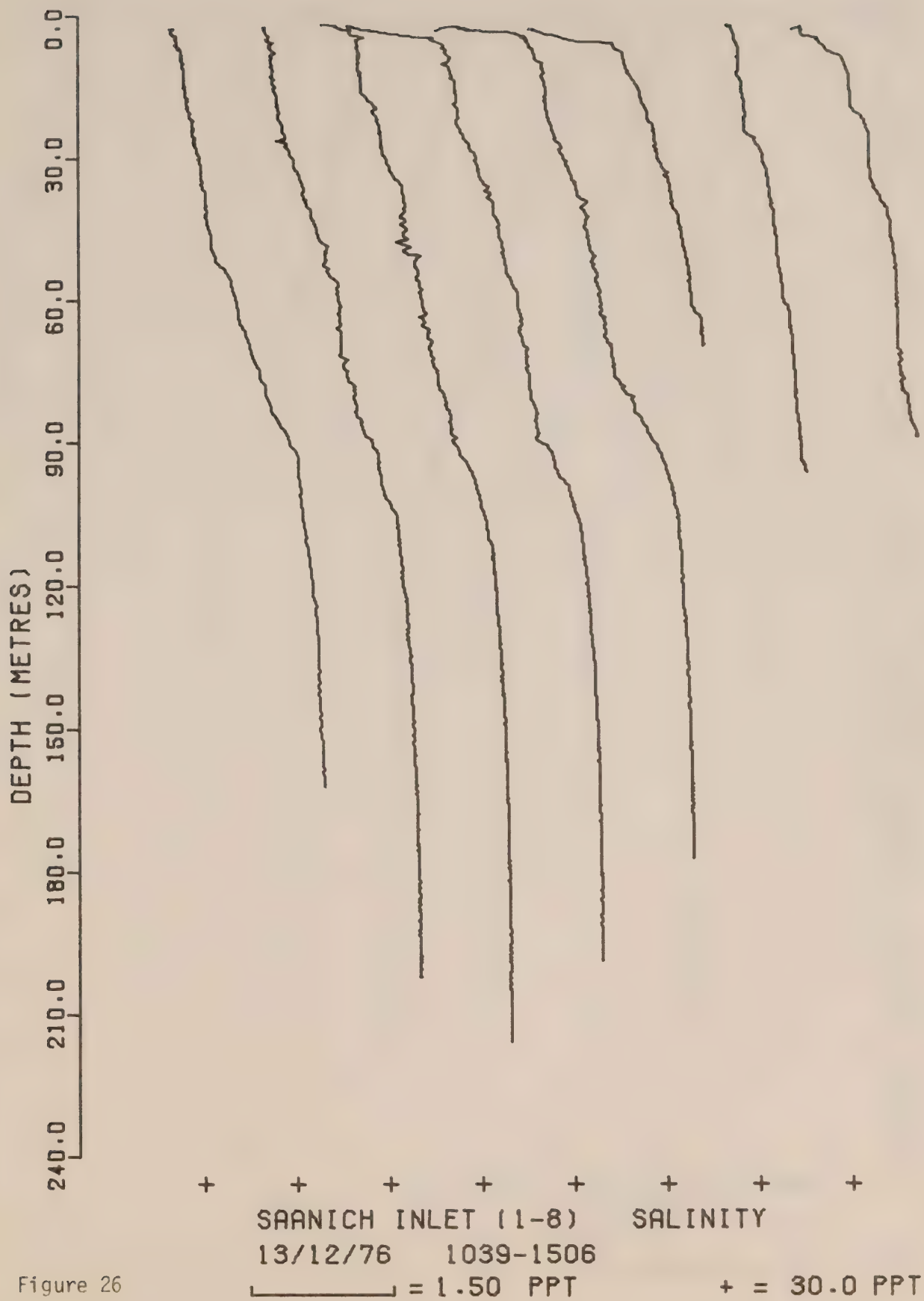
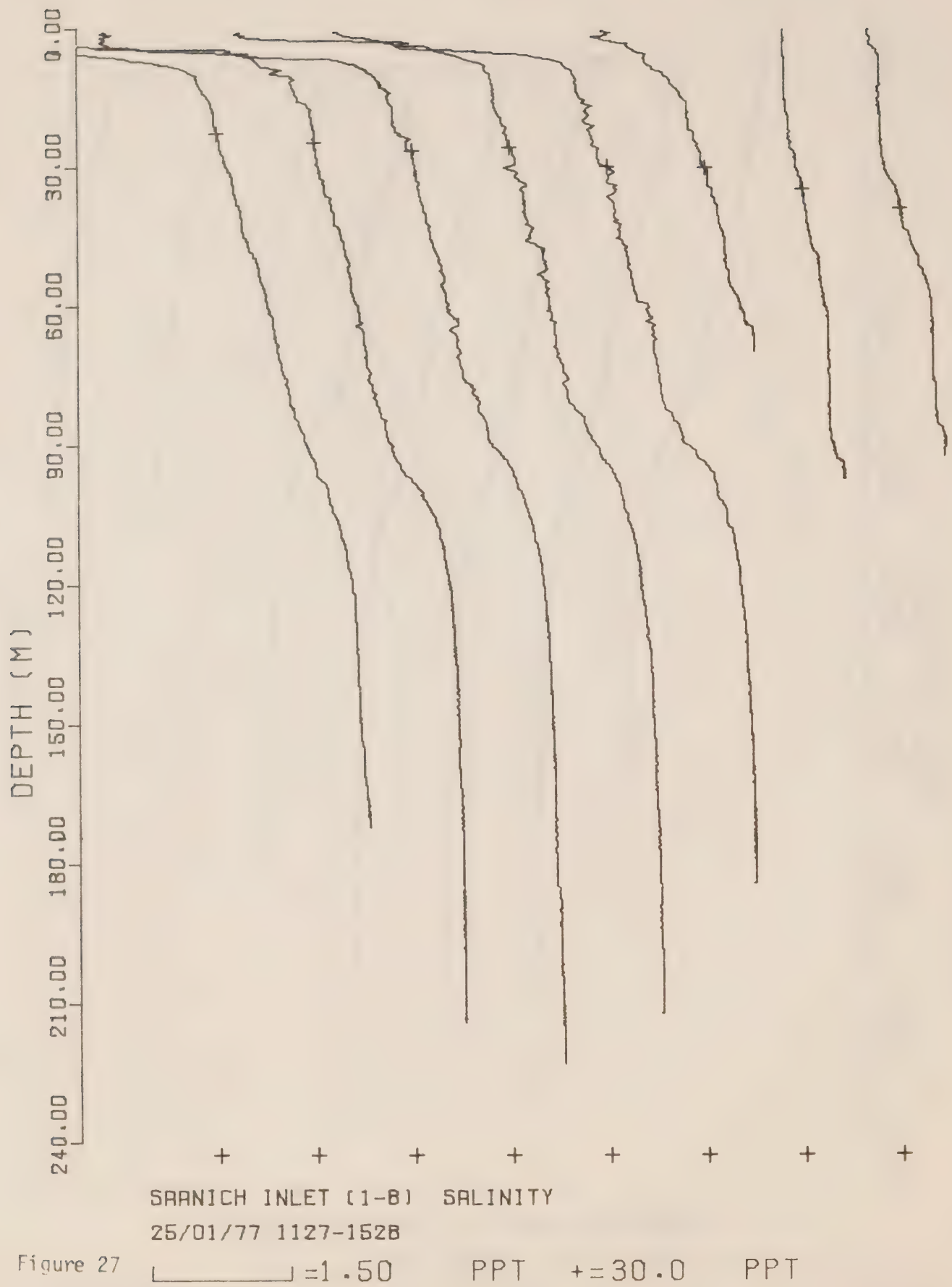


Figure 26



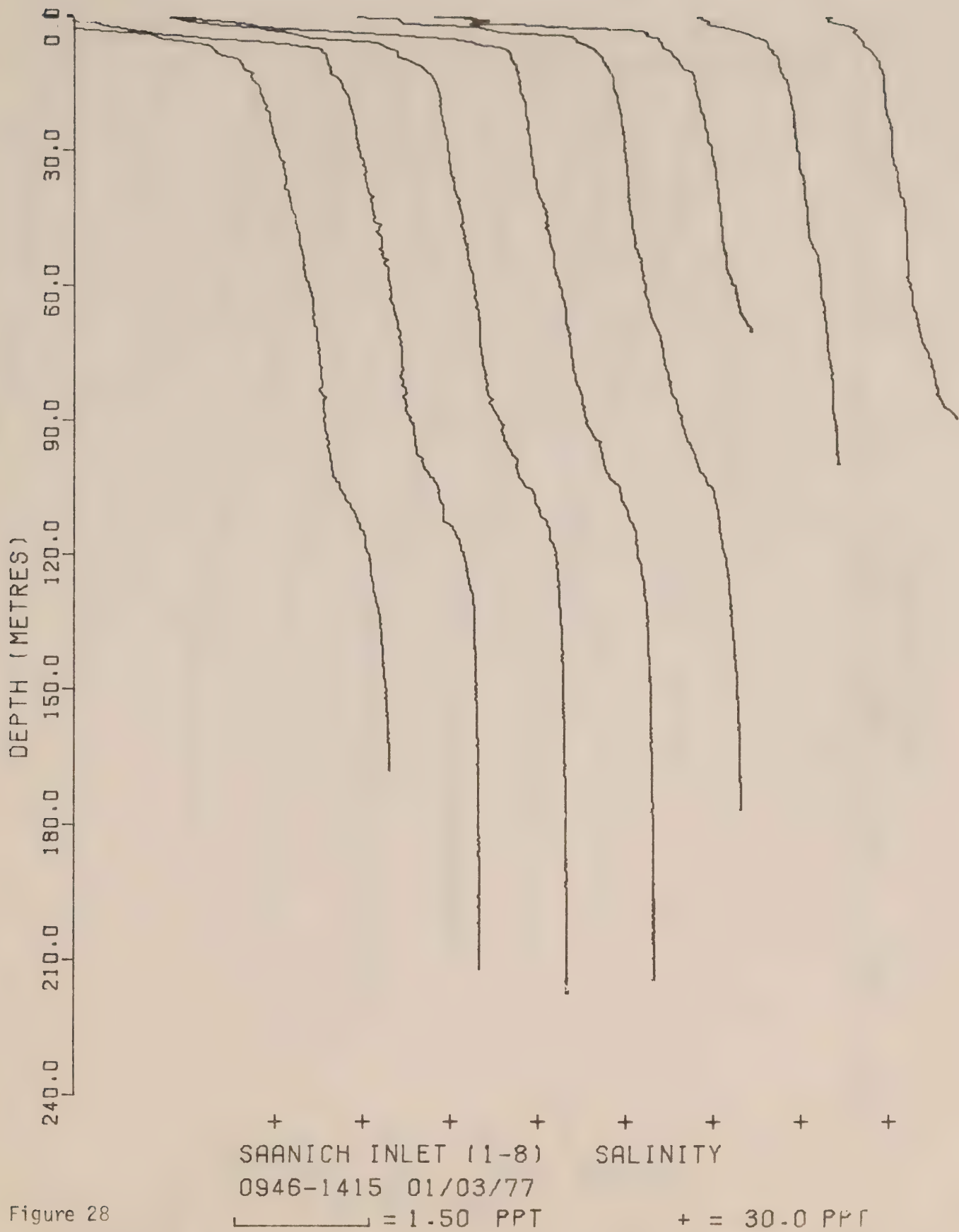


Figure 28

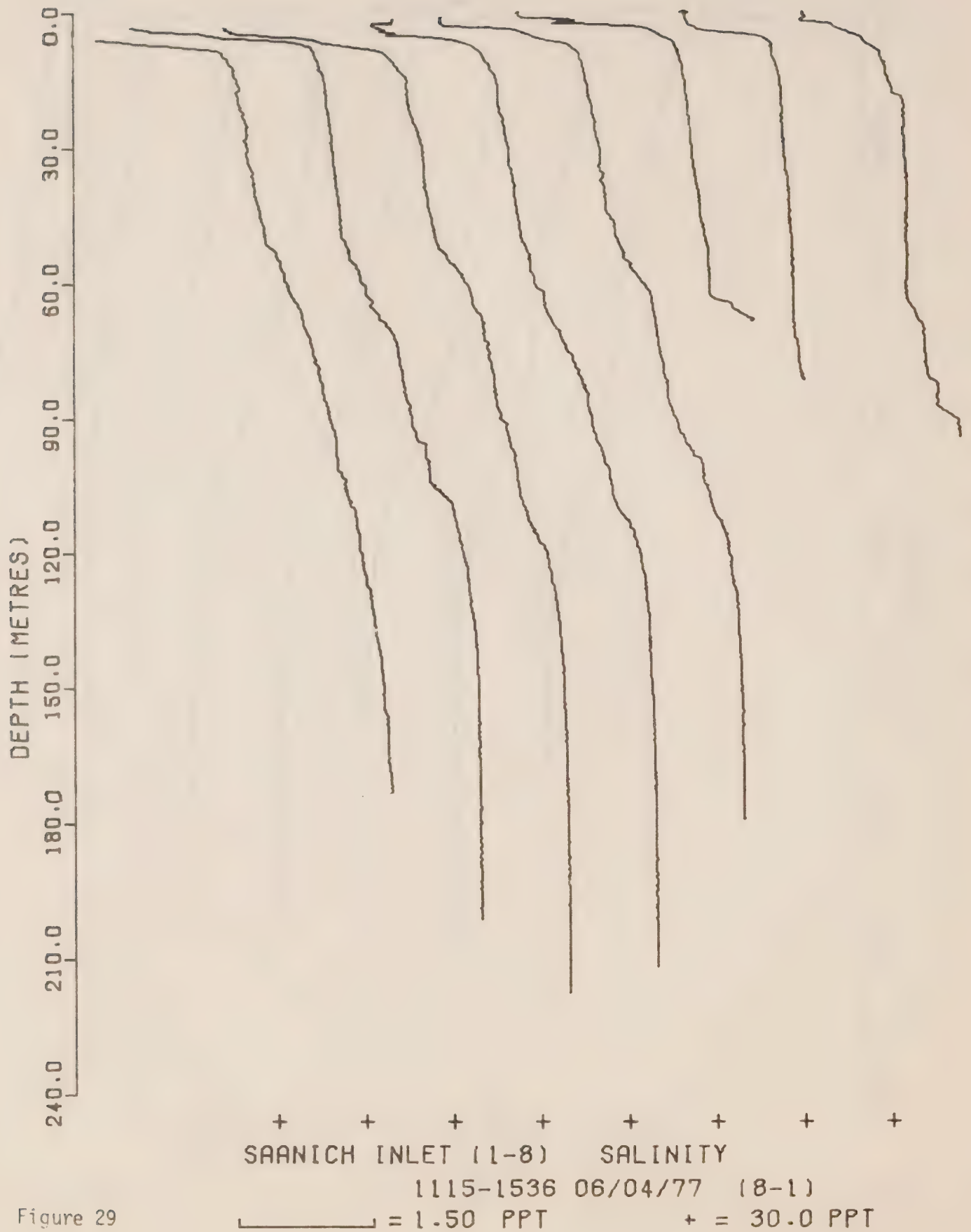


Figure 29

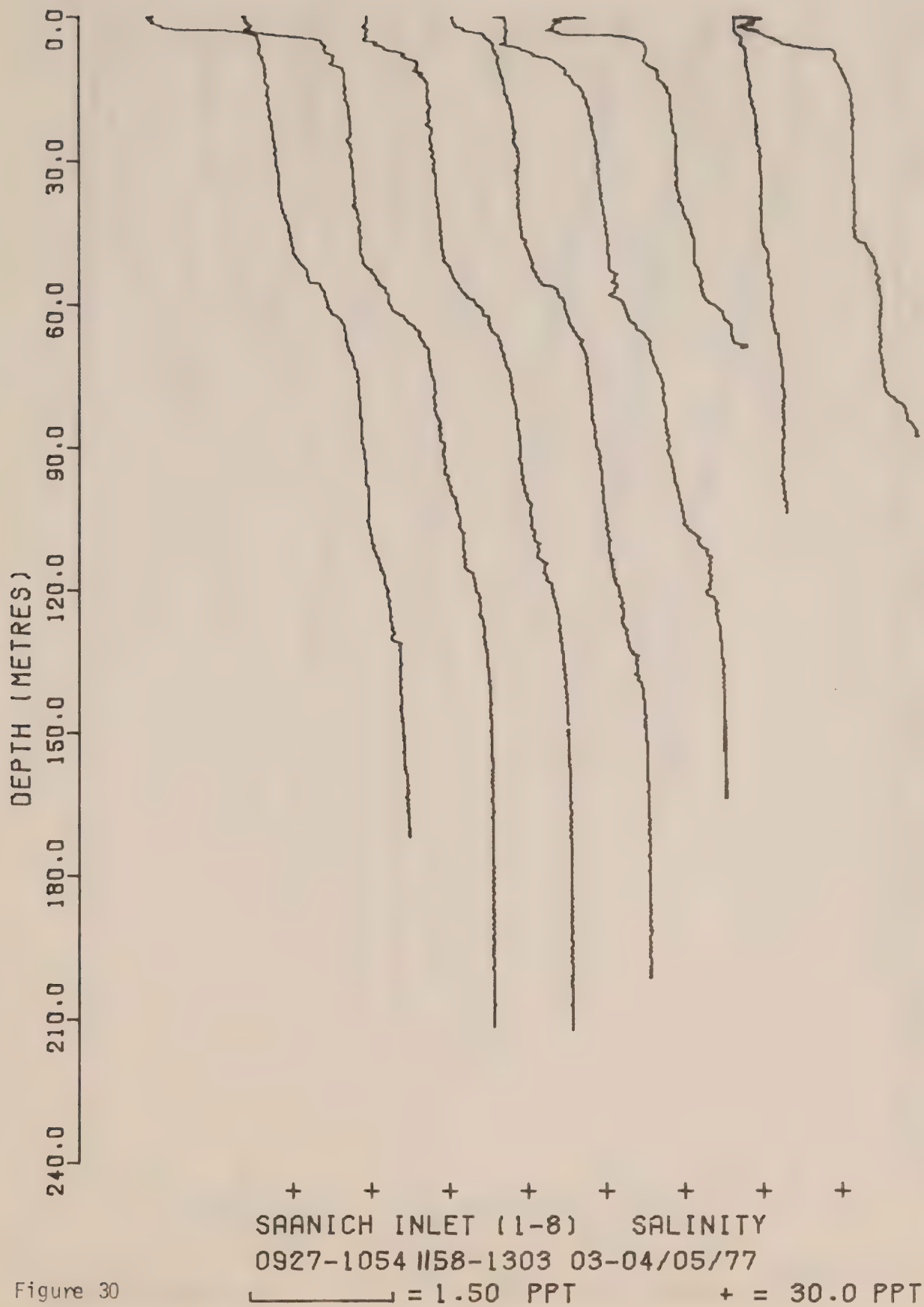


Figure 30

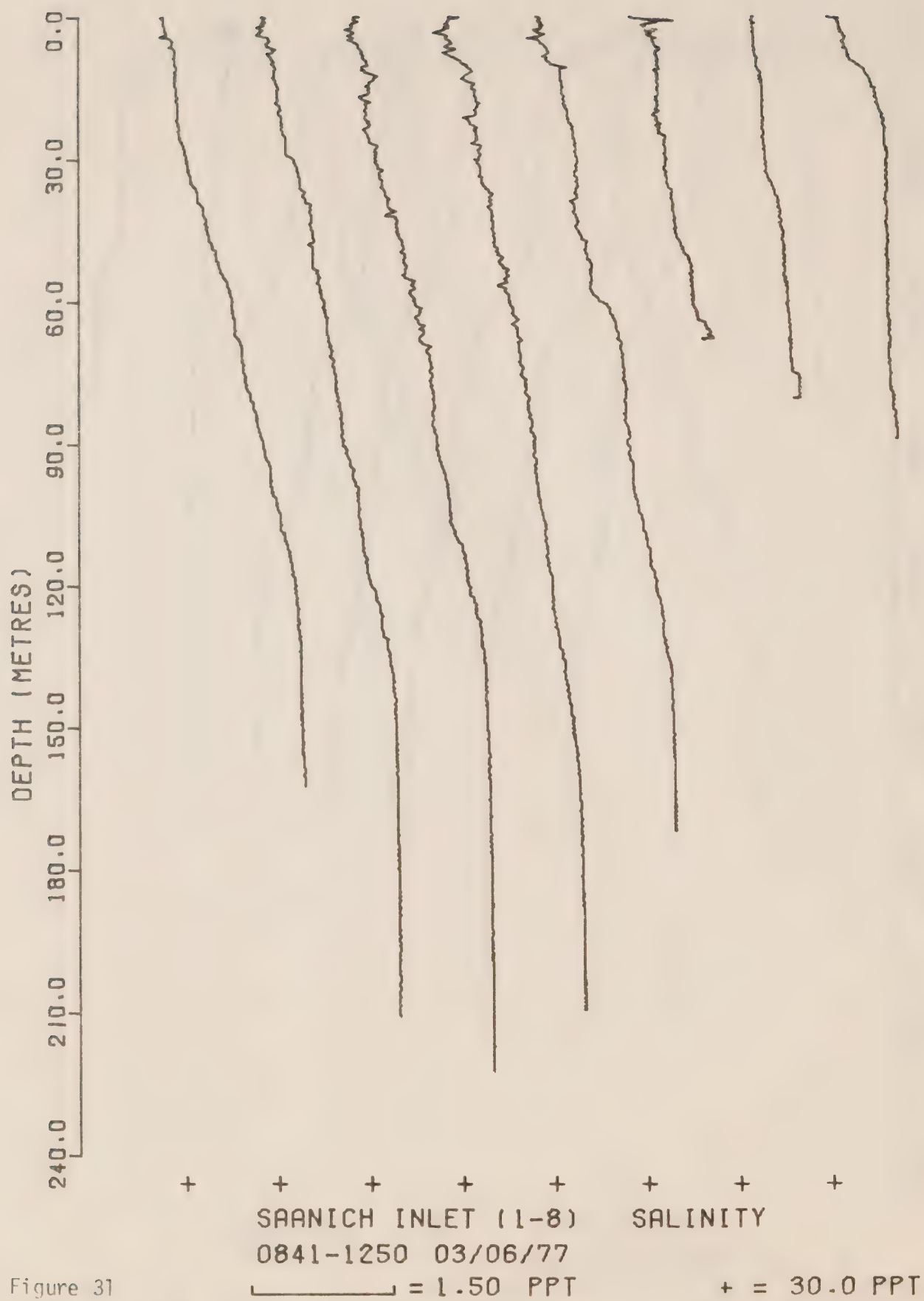
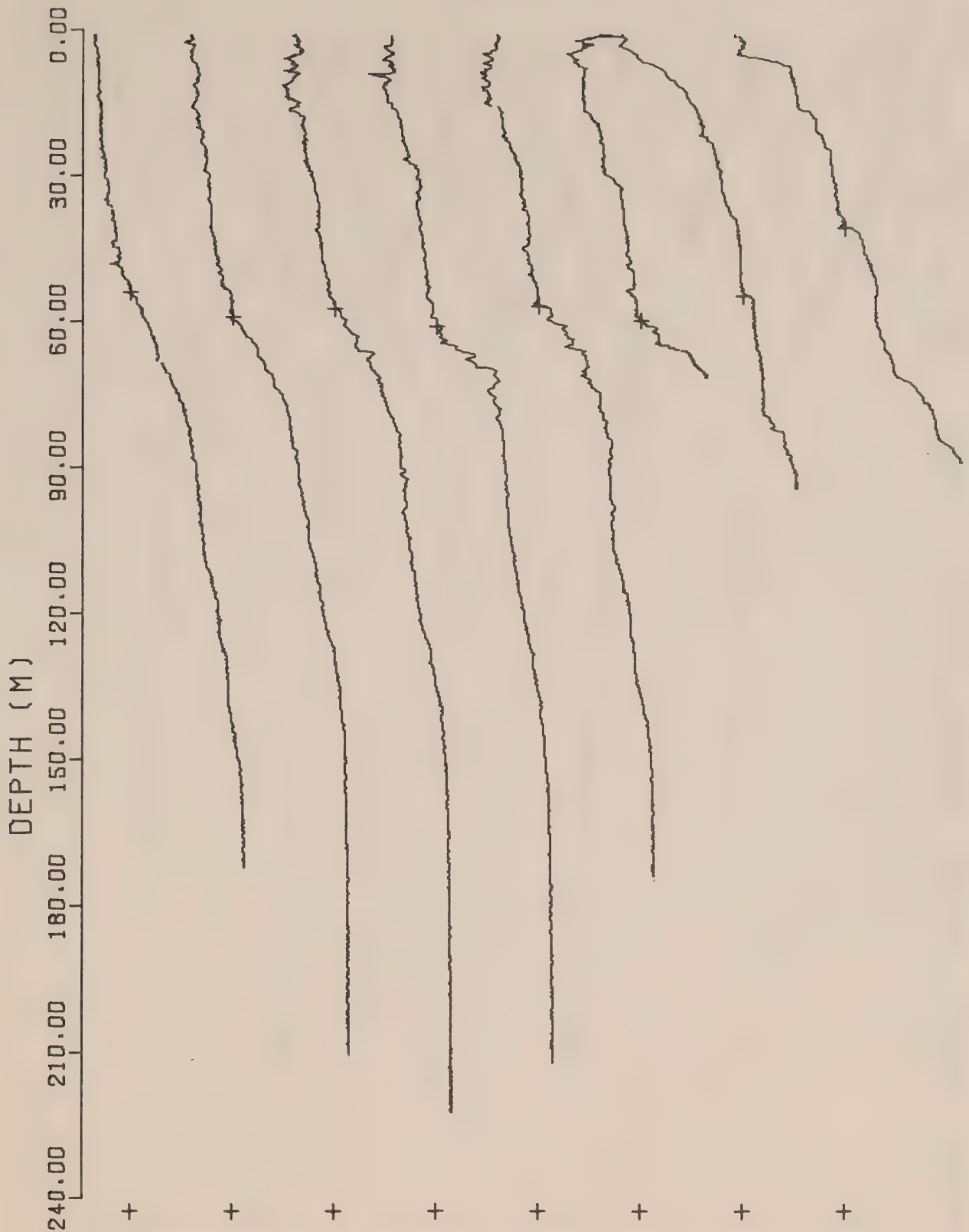


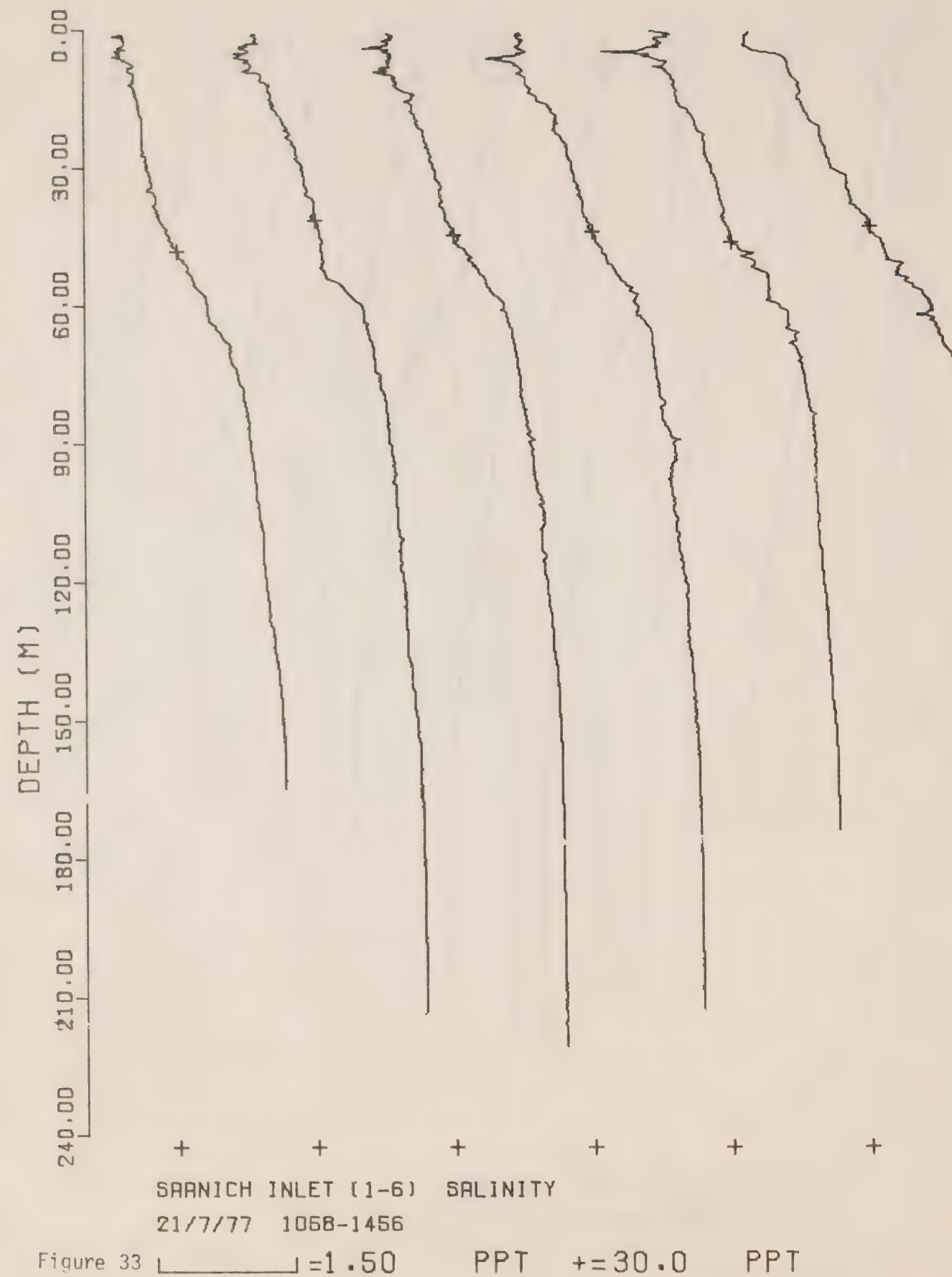
Figure 31



SARANICH INLET (1-8) SALINITY

4/7/77 0913-1318

Figure 32 = 1.50 PPT += 30.0 PPT



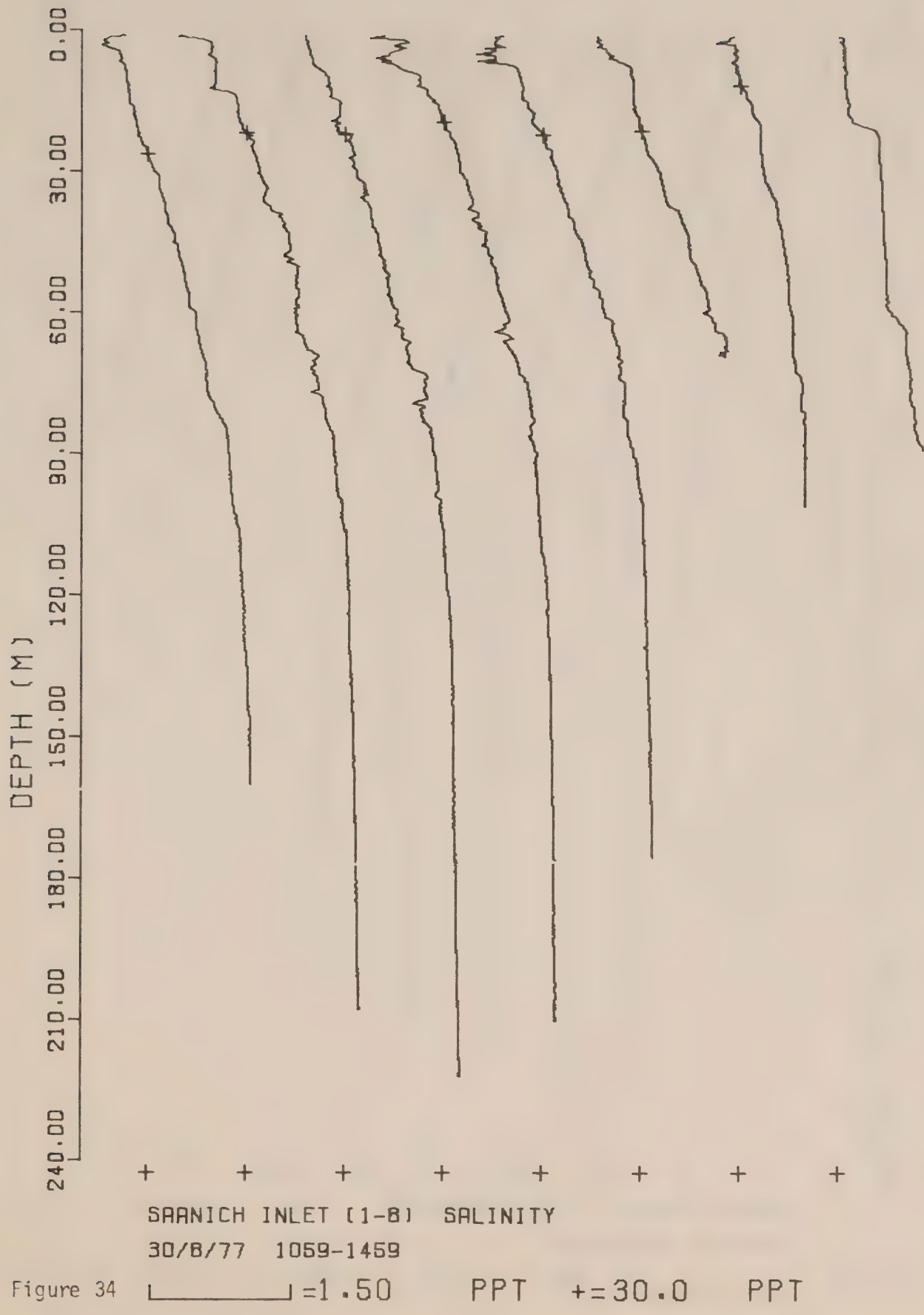


Figure 34

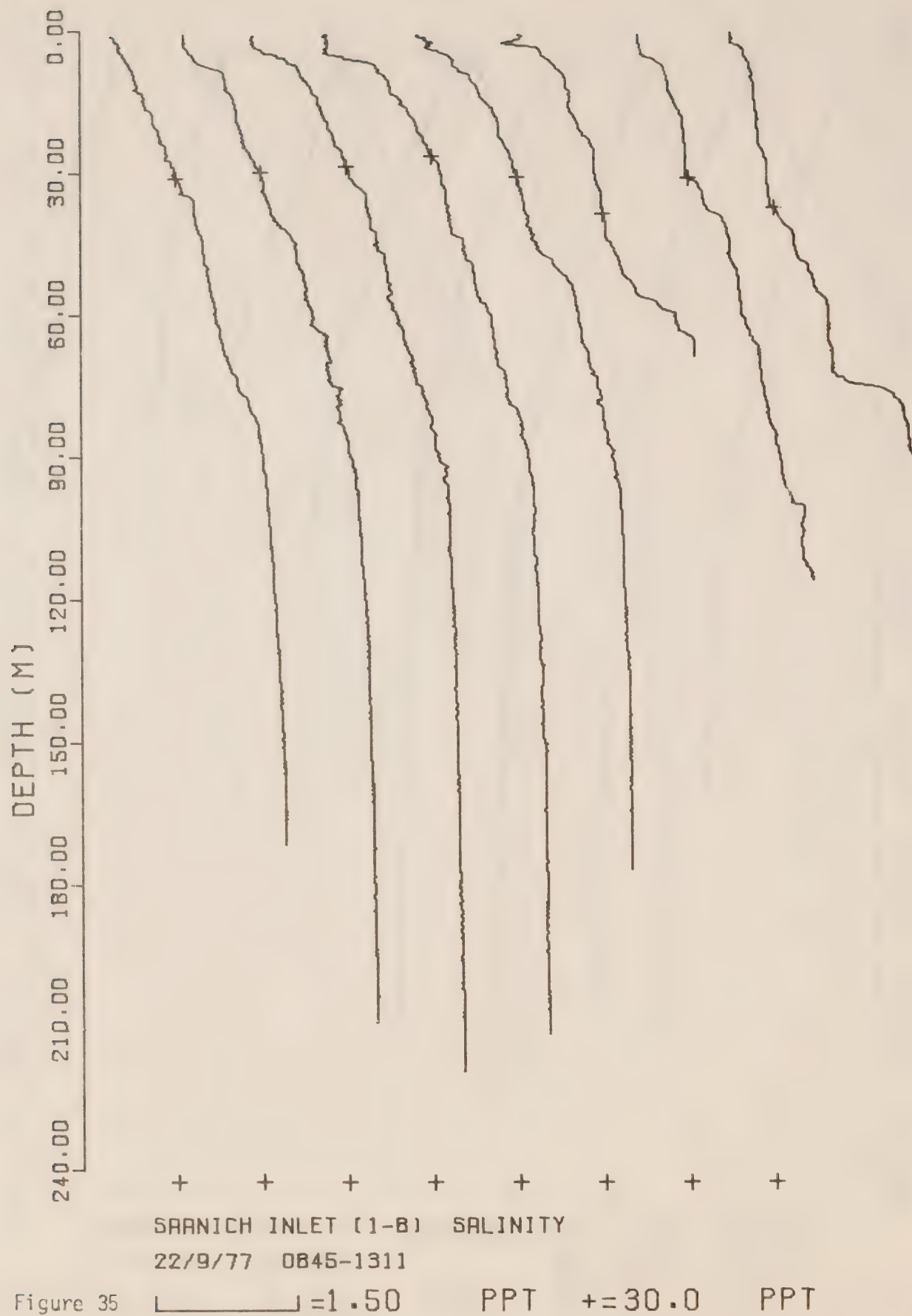
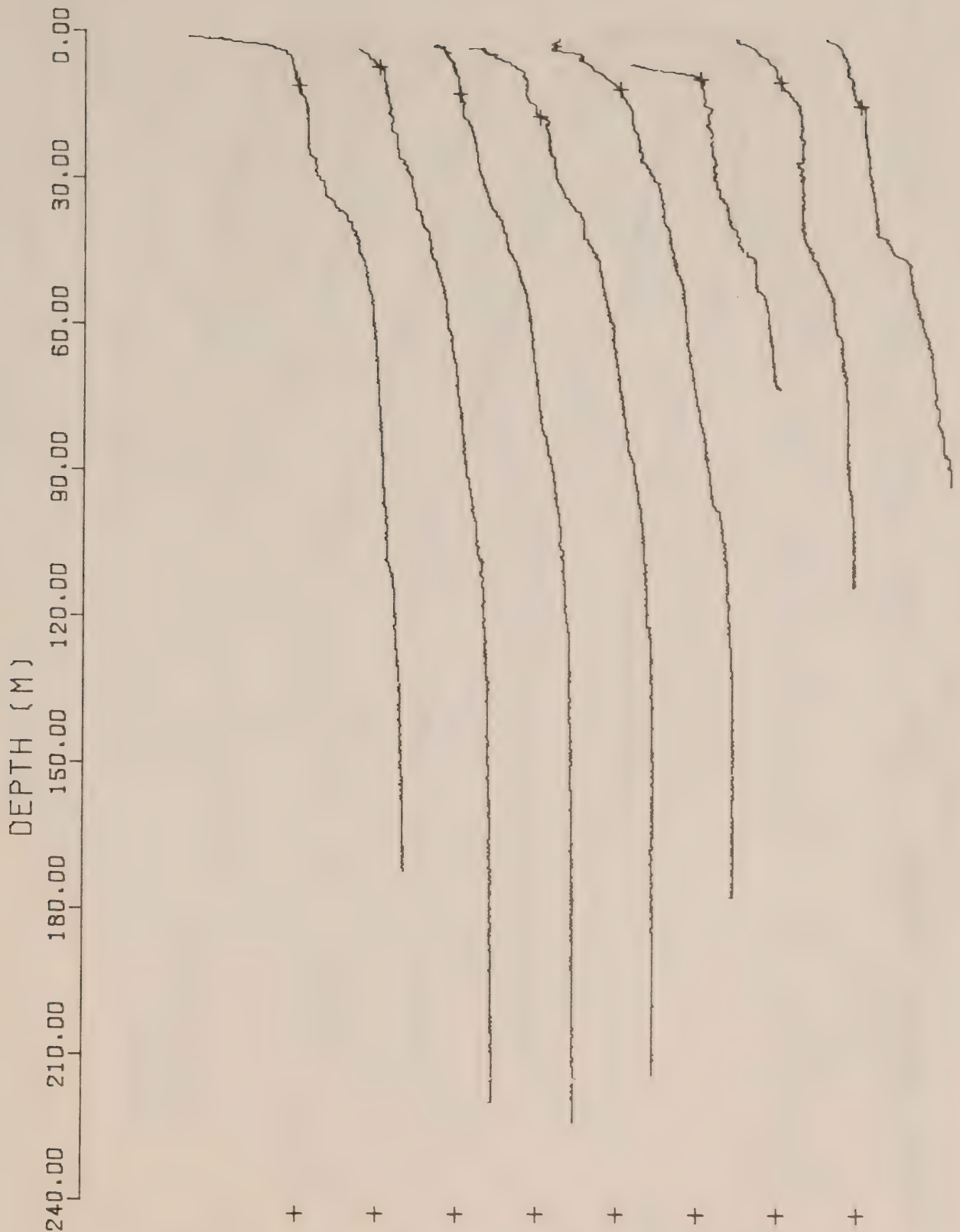


Figure 35

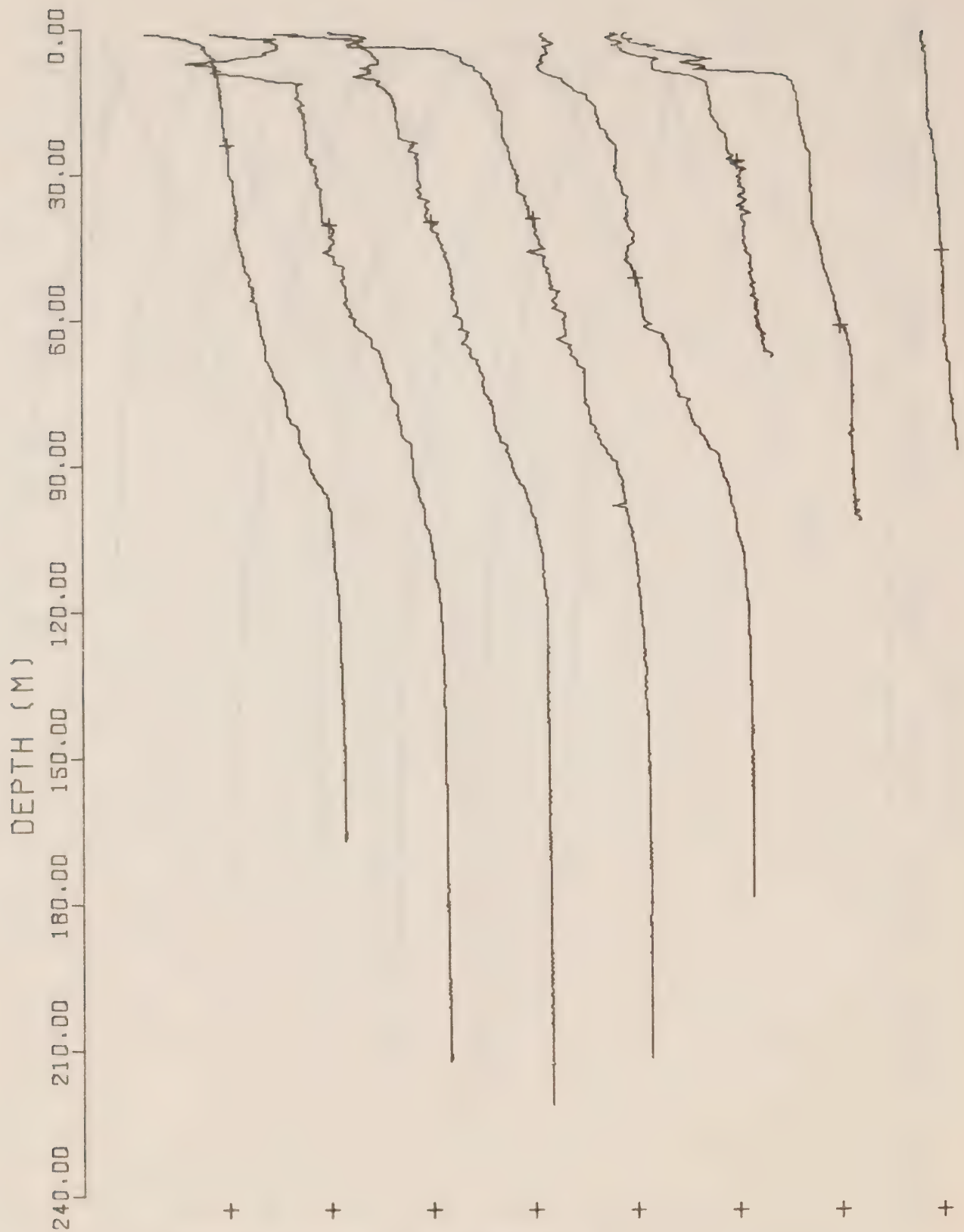


SARNICH INLET (1-8) SALINITY

7/11/77 0932-1415

=1.50 PPT +=30.0 PPT

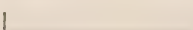
Figure 36



SARNICH INLET (1-8) SALINITY

12-13/12/77 2154-0245

Figure 37

 = 1.50

PPT

+ = 30.0

PPT

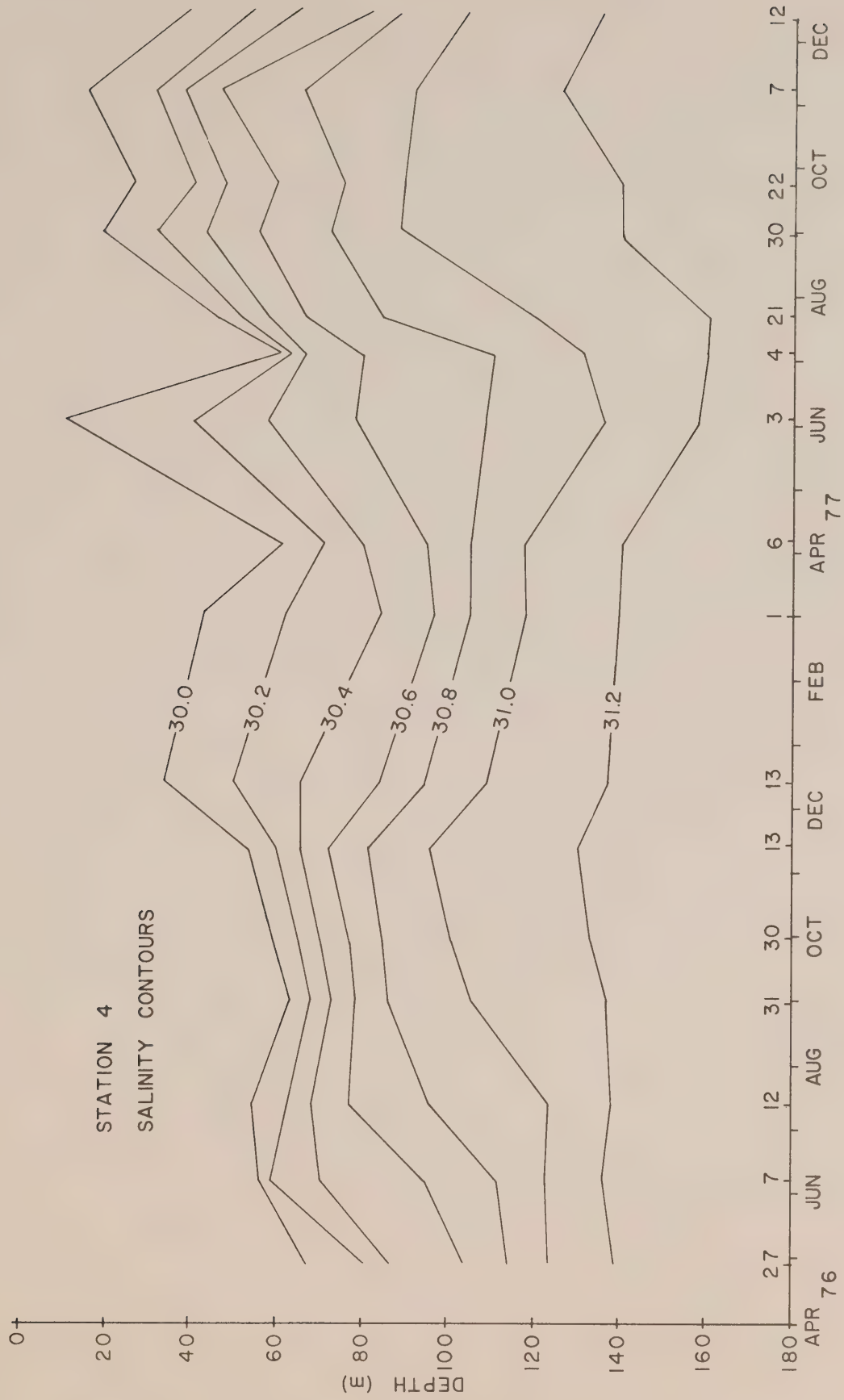


Figure 38 Salinity contours at station 4.

CAI
Ep321
-80R052



**SALINITY/TEMPERATURE PROFILES IN
SAANICH INLET, B.C.
PART II: 1978**

by
Coastal Zone Oceanography Section

**INSTITUTE OF OCEAN SCIENCES
Sidney, B.C.**



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Pacific Marine Science Report 80-5(2)

SALINITY/TEMPERATURE PROFILES IN

SAANICH INLET, B.C.

PART II: 1978

by

Coastal Zone Oceanography Section

Institute of Ocean Sciences

Sidney, B.C.

1980

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CRUISE NO. 19

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 19 SAANICH INLET 1978
 LAT N48 31.22
 DATE 22/ 1/78
 TIME (PST) 1049

TAPE CZ0/78/ 1- 17
 LONG W123 32.27
 PASS NO.179
 STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.80	7.6 ₂	22.49	7.91
2.1	2.1	28.86	7.59	22.55	14.78
5.1	5.1	29.12	7.76	22.73	15.00*
10.2	10.2	29.23	7.8 ₇	22.80	6.27*
15.3	15.3	29.31	8.02	22.85	4.99*
20.3	20.4	29.40	8.27	22.88	3.89*
25.0	25.1	29.45	8.40	22.90	3.57*
30.1	30.2	29.46	8.43	22.91	3.91
35.3	35.4	29.49	8.42	22.92	8.26
40.1	40.2	29.57	8.56	22.97	4.07*
45.1	45.2	29.59	8.64	22.97	7.41
50.2	50.4	29.68	8.86	23.01	8.01*
60.0	60.2	29.88	9.17	23.12	5.41*
70.2	70.5	30.01	9.38	23.19	5.85
80.1	80.4	30.26	9.32	23.39	8.15
90.1	90.5	30.68	9.33	23.72	9.47
100.1	100.5	30.91	9.18	23.92	5.25
110.1	110.6	31.03	9.06	24.03	4.95
120.2	120.7	31.09	8.98	24.09	3.98*
130.1	130.7	31.12	8.93	24.13	2.99*
140.2	140.9	31.14	8.91	24.14	3.24
150.0	150.7	31.16	8.90	24.16	

MAX DEPTH 154.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 19 SAANICH INLET 1978
 LAT N48 33.48
 DATE 22/ 1/78
 TIME (PST) 1010

TAPE CZ0/78/ 1- 18
 LONG W123 30.76
 PASS NO.177
 STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	15.64	6.98	12.28	158.50
2.0	2.0	28.47	7.01	22.31	62.02
5.0	5.0	28.68	7.28	22.45	9.87
10.1	10.1	29.08	7.42	22.74	7.43
15.1	15.2	29.19	7.50	22.82	8.05
20.1	20.2	29.25	7.51	22.86	4.46*
25.2	25.3	29.28	7.56	22.88	3.49*
30.4	30.5	29.33	7.67	22.91	3.28*
35.2	35.3	29.39	7.96	22.91	5.64
40.0	40.2	29.47	8.10	22.95	8.45
45.2	45.4	29.57	8.30	23.01	8.57
50.3	50.5	29.67	8.61	23.04	6.00*
60.3	60.5	29.85	8.68	23.17	8.09*
70.1	70.4	30.07	8.87	23.31	6.94
80.0	80.4	30.23	8.61	23.48	7.34
90.3	90.6	30.52	8.88	23.66	8.86*
100.3	100.7	30.84	9.16	23.87	5.43*
110.1	110.6	30.99	9.13	23.99	7.32
120.0	120.6	31.07	9.03	24.07	4.71*
130.1	130.7	31.11	9.00	24.10	3.76
140.3	140.9	31.14	8.96	24.13	2.72*
150.1	150.8	31.15	8.93	24.15	4.50
160.2	161.0	31.17	8.91	24.16	1.69*
170.1	170.9	31.17	8.91	24.17	1.34*
180.0	180.9	31.18	8.91	24.17	1.19*
190.1	191.0	31.19	8.91	24.18	

MAX DEPTH 197.0

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 19 SAANICH INLET 1978
 LAT N48 35.33
 DATE 22/ 1/78
 TIME (PST) 0825

TAPE CZ0/78/ 1- 19
 LONG W123 30.13
 PASS NO.173
 STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.67	7.34	22.43	6.63
2.0	2.1	28.72	7.43	22.46	10.25
5.0	5.0	29.00	7.45	22.68	12.64
10.2	10.2	29.20	7.45	22.83	10.50
15.4	15.4	29.23	7.54	22.85	4.55*
20.1	20.2	29.27	7.50	22.88	4.80*
25.2	25.3	29.32	7.56	22.91	4.93*
30.1	30.2	29.44	7.89	22.96	5.35
35.1	35.2	29.47	8.08	22.96	7.03
40.2	40.3	29.59	8.37	23.01	5.56*
45.3	45.5	29.65	8.31	23.07	6.08
50.0	50.2	29.74	8.53	23.11	6.84
60.3	60.5	29.85	8.34	23.22	6.63
70.2	70.5	29.99	8.14	23.36	7.16*
80.3	80.6	30.19	8.29	23.49	5.45
90.2	90.5	30.65	8.99	23.75	6.43
100.3	100.7	30.82	9.15	23.86	6.17
110.3	110.8	31.03	9.14	24.02	5.96
120.0	120.6	31.11	9.08	24.09	3.93*
130.3	130.9	31.15	9.04	24.13	2.27*
140.4	141.0	31.17	9.03	24.15	2.16*
150.2	150.9	31.17	8.99	24.15	2.94*
160.2	160.9	31.18	8.97	24.17	1.87*
170.2	171.0	31.19	8.95	24.17	1.63*
180.3	181.1	31.19	8.93	24.18	1.40*
190.3	191.2	31.19	8.93	24.18	1.35*
200.1	201.0	31.20	8.92	24.19	3.60*
210.2	211.2	31.20	8.92	24.19	

MAX DEPTH 213.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 19 SAANICH INLET 1978
 LAT N48 37.30
 DATE 22/ 1/78
 TIME (PST) 0753

TAPE CZ0/78/ 1- 20
 LONG W123 29.90
 PASS NO.171
 STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.88	7.27	21.82	14.21
2.1	2.1	28.59	7.39	22.37	9.14
5.2	5.2	28.92	7.38	22.62	12.15
10.1	10.1	29.13	7.44	22.78	8.12
15.2	15.2	29.22	7.43	22.85	4.95*
20.2	20.2	29.26	7.45	22.88	4.67*
25.0	25.1	29.36	7.73	22.92	4.38*
30.3	30.4	29.39	7.84	22.93	4.32
35.4	35.5	29.47	7.8_	22.98	5.23
40.2	40.3	29.50	7.73	23.03	8.86
45.3	45.4	29.60	7.88	23.08	11.37
50.1	50.3	29.71	8.19	23.13	9.81
60.0	60.2	29.87	8.20	23.26	5.58
70.2	70.5	29.92	7.83	23.34	5.56*
80.1	80.4	30.25	8.43	23.52	6.78*
90.0	90.4	30.57	8.93	23.70	8.81
100.2	100.7	30.85	9.15	23.87	6.10
110.3	110.8	30.99	9.16	23.98	5.86
120.1	120.6	31.08	9.11	24.07	5.29*
130.1	130.7	31.14	9.09	24.11	2.88*
140.2	140.9	31.17	9.08	24.14	2.16*
150.1	150.8	31.18	9.04	24.15	2.26*
160.3	161.0	31.19	9.00	24.17	1.91*
170.3	171.1	31.19	8.97	24.17	1.68*
180.1	180.9	31.20	8.96	24.18	1.25*
190.2	191.1	31.20	8.95	24.18	1.09*
200.1	201.0	31.20	8.92	24.19	+

MAX DEPTH 202.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 19 SAANICH INLET 1978
 LAT N48 39.26
 DATE 22/ 1/78
 TIME (PST) 0712

TAPE CZ0/78/ 1- 21
 LONG W123 30.13
 PASS NO.169
 STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.62	7.33	21.61	34.21
2.1	2.1	28.21	7.37	22.07	8.02*
5.2	5.3	29.24	7.78	22.82	21.12
10.2	10.2	29.24	7.65	22.84	8.03
15.1	15.1	29.33	7.76	22.90	7.06
20.1	20.2	29.44	7.94	22.95	6.72*
25.1	25.2	29.42	7.72	22.97	4.73*
30.2	30.3	29.48	7.78	23.01	3.91*
35.2	35.3	29.56	7.95	23.05	3.15*
40.2	40.3	29.56	7.93	23.05	6.05
45.5	45.7	29.65	8.11	23.09	4.80*
50.3	50.5	29.66	7.88	23.14	5.51*
60.1	60.3	29.77	7.79	23.23	4.96
70.1	70.3	29.90	7.88	23.32	7.31*
80.2	80.5	30.11	8.13	23.45	10.64
90.2	90.6	30.58	8.92	23.70	7.47*
100.1	100.5	30.92	9.18	23.93	7.94
110.2	110.7	31.07	9.14	24.05	4.79*
120.1	120.7	31.13	9.11	24.11	3.33*
130.1	130.7	31.16	9.09	24.13	2.62*
140.1	140.7	31.19	9.06	24.15	2.07*
150.1	150.8	31.19	9.04	24.16	2.47*
160.5	161.2	31.19	8.97	24.18	1.60*
170.1	170.9	31.20	8.95	24.18	1.40*

MAX DEPTH 179.5

CRUISE NO. 19 SAANICH INLET 1978
 LAT N48 41.58
 DATE 22/ 1/78
 TIME (PST) 0646

TAPE CZ0/78/ 1- 22
 LONG W123 30.15
 PASS NO.167
 STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	18.19	7.14	14.26	183.88
2.3	2.3	28.09	7.32	21.98	75.41
5.1	5.1	28.48	7.39	22.27	26.42
10.1	10.2	29.08	7.49	22.73	9.87
15.1	15.2	29.21	7.49	22.83	4.24*
20.2	20.2	29.22	7.50	22.84	4.39
25.0	25.1	29.30	7.47	22.91	4.10
30.5	30.6	29.32	7.46	22.92	4.86
35.2	35.3	29.36	7.48	22.95	5.40*
40.1	40.2	29.42	7.55	22.99	4.43*
45.2	45.4	29.43	7.54	23.00	3.91*
50.3	50.5	29.46	7.55	23.02	4.30
60.2	60.4	29.69	7.51	23.21	4.98

MAX DEPTH 66.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 19 SAANICH INLET 1978
 LAT N48 43.75
 DATE 22/ 1/78
 TIME (PST) 0621

TAPE CZ0/78/ 1- 23
 LONG W123 32.46
 PASS NO.165
 STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	25.97	7.00	20.36	67.59
2.1	2.1	28.16	7.35	22.04	41.44
5.1	5.2	29.22	7.51	22.84	13.31
10.1	10.1	29.33	7.50	22.93	4.10*
15.3	15.4	29.35	7.49	22.95	3.27*
20.1	20.2	29.38	7.50	22.97	4.55
25.2	25.3	29.40	7.52	22.98	3.74*
30.2	30.3	29.42	7.53	23.00	4.59
35.1	35.2	29.45	7.53	23.02	4.25
40.2	40.4	29.48	7.54	23.04	4.81*
45.4	45.5	29.52	7.55	23.07	3.65*
50.3	50.5	29.52	7.56	23.07	4.18*
60.0	60.3	29.70	7.70	23.19	7.97*
70.0	70.3	29.75	7.71	23.23	3.87*
80.1	80.4	29.77	7.57	23.27	2.70*
90.0	90.4	29.78	7.57	23.27	7.47*
MAX DEPTH 90.0					

CRUISE NO. 19 SAANICH INLET 1978
 LAT N48 43.40
 DATE 22/ 1/78
 TIME (PST) 0513

TAPE CZ0/78/ 1- 24
 LONG W123 25.07
 PASS NO.163
 STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.61	7.19	22.41	6.29*
2.1	2.1	28.65	7.20	22.43	6.71*
5.0	5.0	28.65	7.20	22.43	7.32*
10.2	10.2	28.68	7.24	22.45	8.72
15.2	15.3	29.34	7.42	22.95	6.38
20.2	20.2	29.43	7.43	23.02	8.51*
25.0	25.1	29.46	7.43	23.04	4.19*
30.4	30.5	29.52	7.43	23.08	4.31*
35.1	35.2	29.53	7.44	23.09	4.77*
40.0	40.2	29.64	7.47	23.17	3.58*
45.0	45.2	29.64	7.47	23.18	2.38*
50.1	50.3	29.66	7.48	23.19	2.28*
60.0	60.3	29.69	7.49	23.21	2.00*
70.1	70.3	29.70	7.49	23.22	5.10
80.2	80.5	29.71	7.50	23.23	+
90.1	90.4	29.90	7.54	23.37	7.47*
MAX DEPTH 90.6					

CRUISE NO. 20

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 20 SAANICH INLET 1978
 LAT N48 33.48
 DATE 21/ 2/78
 TIME (PST) 1349

TAPE CZ0/78/ 1- 25
 LONG W123 30.76
 PASS NO. 47
 STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	23.67	6.87	18.58	125.60
2.0	2.1	28.91	7.94	22.54	60.26
5.1	5.2	29.26	7.80	22.84	10.58
10.0	10.1	29.34	7.66	22.92	6.61*
15.1	15.1	29.43	7.78	22.97	4.82*
20.2	20.3	29.49	7.98	22.99	4.13*
25.2	25.3	29.51	8.02	22.99	4.25
30.3	30.4	29.55	7.91	23.05	5.25
35.3	35.4	29.60	8.00	23.07	5.59*
40.4	40.5	29.72	8.27	23.13	6.55
45.1	45.2	29.76	8.13	23.18	4.66
50.1	50.3	29.86	8.27	23.24	8.21
60.2	60.4	29.85	7.95	23.28	4.74
70.5	70.8	29.98	8.02	23.37	5.20
80.1	80.5	30.09	8.11	23.44	8.03
90.0	90.4	30.43	8.58	23.63	10.00
100.2	100.6	30.88	9.06	23.91	6.21
110.3	110.8	31.00	9.09	24.00	3.92*
120.1	120.7	31.08	9.05	24.07	5.54
130.2	130.8	31.12	9.00	24.12	3.31*
140.1	140.8	31.14	8.97	24.14	5.98*
150.2	150.9	31.17	8.97	24.16	2.54*
160.0	160.8	31.18	8.93	24.17	2.02*
170.4	171.2	31.19	8.92	24.18	1.40*
180.3	181.1	31.20	8.91	24.19	1.23*
190.4	191.3	31.20	8.91	24.19	+
200.1	201.1	31.21	8.92	24.19	

MAX DEPTH 200.2

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 20 SAANICH INLET 1978

LAT N48 35.33

DATE 21/ 2/78

TIME (PST) 1256

TAPE CZ0/78/ 1- 26

LONG W123 30.13

PASS NO. 45

STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	24.88	6.82	19.52	95.09
2.0	2.0	28.68	7.72	22.39	52.47
5.1	5.1	29.26	7.73	22.85	14.92
10.1	10.2	29.41	7.88	22.94	7.04
15.1	15.2	29.50	7.89	23.01	5.61
20.3	20.3	29.52	7.79	23.04	4.76*
25.1	25.2	29.60	7.88	23.08	4.93*
30.2	30.3	29.63	7.90	23.11	5.18*
35.2	35.3	29.69	7.96	23.15	5.96
40.1	40.3	29.76	7.93	23.21	7.63
45.3	45.5	29.78	7.92	23.23	5.22*
50.2	50.4	29.83	7.80	23.28	4.76*
60.2	60.4	29.92	7.80	23.34	4.03
70.4	70.6	29.96	7.81	23.38	3.61*
80.3	80.6	30.05	7.95	23.43	4.06*
90.3	90.7	30.33	8.37	23.59	12.50
100.2	100.7	30.77	8.98	23.84	8.08*
110.1	110.6	31.04	9.11	24.03	5.31
120.2	120.8	31.12	9.08	24.10	4.28*
130.0	130.6	31.15	9.05	24.12	2.72*
140.1	140.8	31.17	9.03	24.15	2.22*
150.1	150.8	31.18	8.99	24.16	2.14*
160.1	160.8	31.19	8.98	24.17	1.68*
170.3	171.1	31.20	8.95	24.18	1.63*
180.1	180.9	31.20	8.94	24.18	1.39*
190.4	191.3	31.21	8.92	24.19	1.31*

MAX DEPTH 199.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 20 SAANICH INLET 1978
 LAT N48 37.30
 DATE 21/ 2/78
 TIME (PST) 1215

TAPE CZ0/78/ 1- 27
 LONG W123 29.90
 PASS NO. 43
 STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	25.40	6.82	19.94	88.33
2.1	2.1	28.86	7.63	22.54	47.52
5.1	5.1	29.29	7.70	22.87	7.81
10.2	10.2	29.35	7.65	22.92	8.78
15.1	15.1	29.42	7.67	22.98	7.43*
20.1	20.2	29.45	7.59	23.01	4.53
25.1	25.2	29.49	7.62	23.04	4.06
30.2	30.3	29.55	7.60	23.09	4.87
35.1	35.3	29.64	7.68	23.15	6.89
40.1	40.2	29.72	7.89	23.18	5.44*
45.4	45.5	29.79	7.87	23.24	4.72*
50.1	50.3	29.85	7.86	23.28	4.20*
60.0	60.3	29.93	7.81	23.35	6.99*
70.2	70.5	29.98	7.83	23.39	3.91*
80.1	80.4	30.04	7.87	23.44	5.47*
90.3	90.7	30.32	8.41	23.58	9.37
100.2	100.7	30.78	9.02	23.85	7.73*
110.2	110.7	30.97	9.14	23.97	7.01
120.2	120.7	31.07	9.12	24.06	4.94*
130.0	130.6	31.14	9.08	24.12	3.55*
140.2	140.9	31.17	9.06	24.14	2.84*
150.2	150.9	31.18	9.02	24.16	2.07*
160.2	161.0	31.20	9.00	24.17	1.82*
170.0	170.8	31.19	8.96	24.17	2.00*
180.2	181.0	31.20	8.95	24.18	1.08*
190.1	191.0	31.20	8.93	24.18	1.31*
200.0	201.0	31.20	8.92	24.19	

MAX DEPTH 200.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 20 SAANICH INLET 1978
 LAT N48 39.26
 DATE 21/ 2/78
 TIME (PST) 1122

TAPE CZ0/78/ 1- 28
 LONG W123 30.13
 PASS NO. 41
 STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	25.46	6.78	19.99	91.86
2.1	2.1	28.62	7.45	22.38	51.44
5.0	5.0	29.21	7.63	22.82	17.33
10.2	10.2	29.40	7.65	22.96	6.43*
15.2	15.3	29.47	7.66	23.02	4.71*
20.2	20.2	29.54	7.71	23.06	6.48
25.0	25.1	29.56	7.74	23.07	5.30*
30.3	30.4	29.59	7.68	23.11	4.54*
35.2	35.3	29.64	7.76	23.14	4.89*
40.1	40.3	29.69	7.69	23.19	4.73*
45.4	45.5	29.74	7.79	23.21	4.11*
50.1	50.3	29.75	7.73	23.22	3.82*
60.1	60.3	29.82	7.73	23.28	4.34
70.4	70.7	29.96	7.79	23.38	6.64*
80.1	80.4	30.11	7.97	23.47	6.18*
90.1	90.5	30.50	8.66	23.68	8.28
100.3	100.7	30.87	9.09	23.90	8.83
110.2	110.7	31.05	9.13	24.04	6.54*
120.1	120.6	31.10	9.11	24.08	5.09
130.2	130.9	31.16	9.09	24.13	3.41*
140.3	141.0	31.19	9.06	24.15	2.34*
150.2	150.9	31.19	9.02	24.17	1.76*
160.3	161.0	31.20	9.00	24.17	1.82*
170.2	171.0	31.20	8.97	24.18	+

MAX DEPTH 171.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 20 SAANICH INLET 1978
 LAT N48 41.58
 DATE 21/ 2/78
 TIME (PST) 1059

TAPE CZ0/78/ 1- 29
 LONG W123 30.15
 PASS NO. 39
 STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	24.71	6.92	19.39	29.95
2.1	2.1	25.86	6.90	20.29	44.80
5.2	5.3	29.14	7.61	22.76	15.44
10.2	10.2	29.44	7.62	23.00	13.40
15.2	15.2	29.47	7.61	23.02	4.64*
20.1	20.1	29.49	7.60	23.04	4.32
25.1	25.2	29.57	7.59	23.10	4.27*
30.2	30.3	29.59	7.58	23.12	2.19*
35.2	35.3	29.59	7.59	23.12	3.78*
40.3	40.4	29.65	7.61	23.16	5.02
45.2	45.4	29.70	7.63	23.20	4.11
50.0	50.2	29.74	7.64	23.23	3.59*
60.4	60.6	29.82	7.69	23.29	5.84

MAX DEPTH 64.2

CRUISE NO. 20 SAANICH INLET 1978
 LAT N48 43.75
 DATE 21/ 2/78
 TIME (PST) 1034

TAPE CZ0/78/ 1- 30
 LONG W123 32.46
 PASS NO. 37
 STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.03	7.59	21.12	+
2.1	2.1	27.58	7.61	21.54	27.61
5.1	5.1	29.26	7.63	22.85	14.87
10.0	10.1	29.42	7.63	22.98	6.57
15.3	15.3	29.50	7.63	23.04	5.23
20.3	20.3	29.53	7.63	23.07	4.22*
25.0	25.1	29.53	7.62	23.07	4.02
30.1	30.2	29.59	7.61	23.11	6.16
35.2	35.3	29.61	7.61	23.13	5.12*
40.1	40.2	29.66	7.62	23.17	4.26*
45.0	45.2	29.68	7.63	23.19	3.88*
50.1	50.3	29.71	7.65	23.21	3.64*
60.3	60.5	29.73	7.64	23.22	+
70.0	70.3	29.75	7.65	23.24	4.96
80.3	80.6	29.81	7.68	23.28	3.50*
90.0	90.4	29.86	7.71	23.31	2.08*
100.1	100.5	29.87	7.72	23.32	1.20*
110.0	110.5	29.87	7.72	23.32	+

MAX DEPTH 112.9

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 20 SAANICH INLET 1978

LAT N48 43.40

DATE 21/ 2/78

TIME (PST) 0929

TAPE CZ0/78/ 1- 31

LONG W123 25.07

PASS NO. 35

STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	26.16	7.16	20.49	99.74
2.0	2.0	29.39	7.63	22.96	40.56
5.1	5.1	29.51	7.64	23.05	8.55*
10.1	10.1	29.58	7.65	23.11	5.37
15.1	15.1	29.65	7.65	23.16	6.45
20.4	20.5	29.67	7.65	23.17	2.59*
25.0	25.1	29.66	7.66	23.17	2.79*
30.4	30.5	29.74	7.68	23.22	4.39*
35.0	35.1	29.75	7.69	23.23	3.34*
40.4	40.6	29.74	7.69	23.23	1.43*
45.3	45.5	29.74	7.69	23.22	1.16*
50.2	50.4	29.73	7.69	23.21	1.39*
60.0	60.3	29.74	7.69	23.23	1.92*
70.3	70.6	29.76	7.70	23.24	4.18*
80.3	80.6	29.87	7.76	23.32	+
MAX DEPTH	85.0				

CRUISE NO. 21

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 21 SAANICH INLET 1978
 LAT N48 31.22
 DATE 18/ 3/78
 TIME (PST) 0214

TAPE CZ0/78/ 1- 32
 LONG W123 32.27
 PASS NO. 29
 STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.03	9.16	20.90	23.97
2.0	2.0	27.60	8.74	21.41	18.95
5.0	5.0	28.46	8.47	22.11	50.67
10.0	10.0	29.41	8.10	22.91	8.22
15.2	15.3	29.47	8.14	22.95	4.60*
20.2	20.3	29.50	8.12	22.97	4.01*
25.1	25.2	29.55	8.30	22.99	4.37*
30.0	30.1	29.63	8.39	23.04	5.10
35.0	35.1	29.68	8.46	23.07	5.29*
40.2	40.3	29.73	8.52	23.10	4.62
45.1	45.3	29.77	8.47	23.13	6.05
50.2	50.3	29.84	8.63	23.17	4.75*
60.0	60.2	29.94	8.65	23.24	6.02
70.0	70.3	30.07	8.57	23.36	5.29*
80.1	80.4	30.14	8.54	23.41	5.59
90.2	90.5	30.38	8.75	23.57	12.53*
100.2	100.6	30.78	8.99	23.85	7.78
110.1	110.6	30.99	9.03	24.00	5.95*
120.2	120.8	31.10	8.98	24.10	5.25
130.1	130.7	31.14	8.94	24.14	2.55*
140.0	140.7	31.17	8.92	24.16	2.68*
150.3	151.0	31.17	8.91	24.17	1.26*
160.0	160.8	31.18	8.91	24.17	1.52*
170.2	171.0	31.18	8.91	24.18	

MAX DEPTH 175.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 21 SAANICH INLET 1978
 LAT N48 33.48
 DATE 18/ 3/78
 TIME (PST) 0131

TAPE CZ0/78/ 1- 33
 LONG W123 30.76
 PASS NO. 27
 STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.07	8.46	21.81	7.98
2.0	2.0	28.08	8.48	21.82	10.33
5.1	5.2	29.14	8.27	22.67	33.67
10.2	10.2	29.38	7.84	22.92	6.65
15.1	15.2	29.40	7.79	22.95	4.84
20.3	20.3	29.47	7.79	23.00	4.65*
25.2	25.3	29.51	7.83	23.03	5.30
30.1	30.2	29.61	8.12	23.06	5.64*
35.2	35.3	29.68	8.07	23.12	5.72
40.1	40.2	29.72	8.11	23.15	8.69
45.0	45.2	29.79	7.99	23.22	7.74*
50.2	50.4	29.89	8.17	23.27	8.40
60.3	60.5	29.94	7.99	23.34	5.10
70.3	70.6	30.02	8.10	23.38	4.01*
80.1	80.4	30.12	8.17	23.45	5.41*
90.0	90.4	30.29	8.37	23.56	6.35
100.3	100.7	30.63	8.77	23.76	6.66
110.2	110.7	30.87	9.02	23.91	6.47
120.0	120.6	31.05	9.04	24.05	6.08
130.0	130.6	31.12	8.99	24.11	3.59
140.1	140.7	31.15	8.97	24.14	5.33*
150.3	151.0	31.17	8.95	24.16	1.92*
160.0	160.8	31.16	8.94	24.15	1.58*
170.0	170.8	31.18	8.92	24.17	1.32*
180.2	181.0	31.19	8.92	24.18	1.05*
190.2	191.1	31.19	8.92	24.18	.91*
200.2	201.1	31.20	8.92	24.18	1.08*
210.1	211.1	31.20	8.93	24.19	

MAX DEPTH 214.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 21 SAANICH INLET 1978
 LAT N48 35.33
 DATE 18/ 3/78
 TIME (PST) 0033

TAPE CZ0/78/ 1- 34
 LONG W123 30.13
 PASS NO. 25
 STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.23	8.51	21.16	43.48
2.1	2.1	27.27	8.51	21.18	10.23*
5.1	5.1	28.49	8.25	22.17	26.18
10.1	10.1	29.34	7.92	22.88	8.87
15.1	15.1	29.37	7.82	22.92	4.89
20.0	20.1	29.42	7.78	22.96	5.17
25.2	25.3	29.48	7.79	23.00	5.65
30.1	30.2	29.53	7.80	23.04	5.05*
35.1	35.2	29.59	7.82	23.09	4.48
40.4	40.5	29.68	7.86	23.15	6.09
45.2	45.4	29.73	7.87	23.19	4.12
50.3	50.5	29.82	7.90	23.26	6.89
60.1	60.3	29.92	7.90	23.34	5.09
70.2	70.5	29.99	7.95	23.38	4.74
80.2	80.5	30.06	8.01	23.43	4.67*
90.2	90.6	30.25	8.28	23.54	7.02
100.1	100.6	30.71	8.87	23.81	8.39
110.3	110.8	30.97	9.07	23.99	5.45
120.2	120.7	31.07	9.10	24.06	4.49
130.2	130.8	31.13	9.07	24.11	3.51*
140.2	140.9	31.16	9.03	24.14	2.42*
150.1	150.8	31.17	8.99	24.15	2.21*
160.1	160.8	31.19	8.97	24.17	1.44*
170.1	170.9	31.19	8.97	24.17	1.29*
180.1	181.0	31.19	8.95	24.18	1.25*
190.2	191.1	31.20	8.94	24.18	1.02*
200.1	201.1	31.20	8.93	24.19	.92*
210.0	211.0	31.21	8.93	24.19	1.24*
220.1	221.2	31.21	8.93	24.19	

MAX DEPTH 225.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 21 SAANICH INLET 1978
 LAT N48 37.30
 DATE 18/ 3/78
 TIME (PST) 0006

TAPE C20/78/ 1- 35
 LONG W123 29.90
 PASS NO. 23
 STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	27.52	8.37	21.39	17.61
2.2	2.2	27.75	8.35	21.58	25.18
5.2	5.3	29.05	8.01	22.64	24.88
10.1	10.1	29.35	7.88	22.90	6.86
15.1	15.1	29.40	7.80	22.94	6.84
20.1	20.1	29.47	7.80	23.00	5.16*
25.2	25.3	29.51	7.75	23.04	4.71
30.4	30.5	29.55	7.73	23.07	4.65*
35.2	35.4	29.60	7.76	23.10	4.61*
40.5	40.6	29.65	7.78	23.14	4.50*
45.2	45.3	29.70	7.83	23.17	4.29
50.1	50.3	29.76	7.86	23.22	4.37
60.1	60.3	29.89	7.91	23.31	5.20*
70.1	70.4	29.95	7.92	23.35	4.63*
80.1	80.4	30.05	8.02	23.42	3.58*
90.2	90.5	30.11	8.06	23.46	9.57
100.2	100.7	30.77	8.95	23.84	5.72
110.3	110.8	30.98	9.10	23.99	5.33
120.1	120.6	31.09	9.09	24.08	4.61*
130.2	130.8	31.15	9.06	24.13	3.27*
140.1	140.8	31.17	9.05	24.14	3.55*
150.3	151.0	31.18	9.01	24.16	2.09*
160.2	161.0	31.18	9.00	24.16	1.66*
170.1	170.9	31.19	8.97	24.18	1.05*
180.1	180.9	31.19	8.95	24.18	1.09*
190.3	191.2	31.20	8.93	24.18	.95*
200.1	201.0	31.20	8.93	24.18	.70*
210.1	211.1	31.20	8.93	24.18	+

MAX DEPTH 214.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 21 SAANICH INLET 1978
 LAT N48 39.26
 DATE 17/ 3/78
 TIME (PST) 2302

TAPE CZ0/78/ 1- 36
 LONG W123 30.13
 PASS NO. 21
 STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.95	8.35	21.73	33.20
2.2	2.2	27.77	8.35	21.60	8.27*
5.1	5.2	28.82	8.28	22.42	21.14
10.1	10.1	29.37	7.84	22.91	9.07
15.2	15.2	29.40	7.75	22.95	4.87*
20.2	20.3	29.43	7.75	22.97	4.39
25.1	25.2	29.48	7.72	23.02	6.52
30.1	30.2	29.56	7.77	23.07	5.72*
35.0	35.2	29.61	7.76	23.11	4.66
40.1	40.2	29.66	7.79	23.14	4.75*
45.3	45.5	29.70	7.83	23.17	5.07*
50.2	50.3	29.77	7.84	23.22	5.09*
60.0	60.2	29.89	7.88	23.32	5.45
70.1	70.3	30.03	7.94	23.42	4.40
80.2	80.5	30.16	8.16	23.49	5.99
90.0	90.4	30.45	8.55	23.66	8.91*
100.1	100.6	30.68	8.88	23.79	7.20
110.2	110.7	30.94	9.10	23.96	6.72
120.1	120.6	31.08	9.11	24.06	4.00*
130.1	130.7	31.12	9.10	24.10	5.69*
140.4	141.0	31.17	9.07	24.14	2.74*
150.1	150.8	31.18	9.05	24.15	1.86*
160.0	160.8	31.19	9.02	24.16	1.83*
170.1	170.9	31.19	8.96	24.17	1.74*
180.1	180.9	31.20	8.96	24.18	1.09*

MAX DEPTH 186.9

CRUISE NO. 21 SAANICH INLET 1978
 LAT N48 41.58
 DATE 17/ 3/78
 TIME (PST) 2239

TAPE CZ0/78/ 1- 37
 LONG W123 30.15
 PASS NO. 19
 STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.67	8.16	22.32	16.87
2.1	2.1	28.95	8.08	22.56	11.02
5.1	5.1	29.20	8.00	22.76	7.10
10.0	10.0	29.29	7.95	22.84	6.71*
15.2	15.2	29.41	7.90	22.94	7.07*
20.0	20.1	29.44	7.89	22.96	6.81*
25.1	25.2	29.49	7.88	23.00	6.54*
30.2	30.3	29.59	7.89	23.08	6.24*
35.2	35.3	29.68	7.89	23.15	5.50*
40.1	40.3	29.71	7.90	23.17	4.04*
45.1	45.3	29.73	7.91	23.19	3.58
50.2	50.4	29.78	7.93	23.22	4.40
60.1	60.3	29.85	7.95	23.27	5.08

MAX DEPTH 67.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 21 SAANICH INLET 1978
 LAT N48 43.75
 DATE 17/ 3/78
 TIME (PST) 2212

TAPE CZ0/78/ 1- 38
 LONG W123 32.46
 PASS NO. 17
 STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	28.39	8.28	22.09	26.69*
2.1	2.1	28.39	8.36	22.08	7.56*
5.1	5.2	29.34	7.90	22.88	19.41*
10.1	10.1	29.40	7.88	22.93	12.14*
15.1	15.1	29.46	7.88	22.98	4.66*
20.1	20.2	29.48	7.88	22.99	4.81*
25.1	25.2	29.49	7.88	23.00	4.96*
30.0	30.1	29.56	7.88	23.06	5.33*
35.1	35.2	29.63	7.89	23.11	5.69*
40.2	40.4	29.68	7.90	23.15	5.75
45.2	45.3	29.73	7.91	23.18	4.69
50.2	50.4	29.76	7.92	23.21	4.86*
60.3	60.5	29.89	7.95	23.30	4.68
70.2	70.5	29.95	7.97	23.35	4.09*
80.1	80.4	30.00	7.99	23.39	1.88*
90.2	90.6	30.02	8.00	23.40	8.91*

MAX DEPTH 98.6

CRUISE NO. 21 SAANICH INLET 1978
 LAT N48 43.40
 DATE 17/ 3/78
 TIME (PST) 2111

TAPE CZ0/78/ 1- 39
 LONG W123 25.07
 PASS NO. 15
 STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	29.12	8.18	22.67	7.64*
2.1	2.1	29.12	8.18	22.67	2.97*
5.0	5.0	29.17	8.16	22.71	7.63*
10.1	10.2	29.36	8.08	22.87	7.42*
15.2	15.2	29.48	8.02	22.98	7.21*
20.2	20.3	29.51	8.01	23.00	6.44
25.1	25.2	29.58	8.01	23.06	9.79
30.1	30.2	29.65	7.99	23.12	4.45*
35.1	35.3	29.71	7.97	23.16	5.43
40.1	40.2	29.76	7.96	23.20	6.66*
45.3	45.5	29.77	7.96	23.21	2.74*
50.1	50.2	29.80	7.96	23.24	6.93
60.2	60.5	29.86	7.98	23.27	2.67*
70.2	70.4	29.94	7.98	23.34	7.27
80.2	80.5	30.16	8.03	23.50	5.99

MAX DEPTH 80.9

CRUISE NO. 22

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 22 SAANICH INLET 1978
 LAT N48 31.22
 DATE 21/ 4/78
 TIME (PST) 1252

TAPE CZ0/78/ 1- 40
 LONG W123 32.27
 PASS NO. 15
 STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	27.90	9.87	21.48	15.44
2.2	2.2	28.29	9.87	21.78	25.36
5.2	5.2	29.07	9.31	22.47	22.90
10.2	10.2	29.23	9.04	22.63	7.54
15.0	15.1	29.29	8.82	22.72	6.32
20.2	20.2	29.32	8.59	22.77	7.46*
25.1	25.2	29.34	8.50	22.80	5.15*
30.2	30.3	29.38	8.36	22.85	8.66
35.1	35.2	29.46	8.27	22.93	5.70*
40.0	40.2	29.52	8.26	22.97	4.68*
45.1	45.2	29.56	8.26	23.01	4.99*
50.2	50.3	29.62	8.28	23.05	5.65*
60.1	60.3	29.90	8.38	23.25	9.56
70.3	70.6	30.13	8.40	23.43	4.99*
80.2	80.5	30.27	8.47	23.52	7.96*
90.0	90.4	30.42	8.59	23.63	6.78*
100.2	100.7	30.79	8.86	23.87	12.66
110.0	110.5	31.05	8.98	24.06	5.83*
120.1	120.6	31.10	8.96	24.10	4.39
130.0	130.6	31.15	8.94	24.14	2.92*
140.1	140.7	31.17	8.92	24.17	1.74*
150.1	150.8	31.17	8.92	24.17	

MAX DEPTH 154.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 22 SAANICH INLET 1978
 LAT N48 33.48
 DATE 21/ 4/78
 TIME (PST) 1220

TAPE CZ0/78/ 1- 41
 LONG W123 30.76
 PASS NO. 13
 STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.96	9.21	22.39	10.46*
2.1	2.1	29.02	9.18	22.45	9.90*
5.0	5.0	28.93	9.25	22.37	9.06*
10.2	10.2	29.11	9.07	22.54	7.68
15.1	15.1	29.32	8.83	22.74	7.38
20.2	20.3	29.37	8.78	22.78	5.50*
25.2	25.3	29.40	8.53	22.84	4.90*
30.3	30.4	29.42	8.41	22.88	4.70*
35.0	35.1	29.42	8.16	22.91	5.43*
40.2	40.4	29.47	8.08	22.96	6.45*
45.0	45.2	29.57	8.08	23.04	7.59
50.1	50.3	29.65	8.14	23.09	6.84
60.1	60.3	30.00	8.21	23.36	8.61*
70.1	70.4	30.12	8.23	23.44	5.61
80.1	80.4	30.22	8.29	23.52	4.31*
90.1	90.4	30.34	8.42	23.59	8.66*
100.0	100.4	30.55	8.66	23.72	6.62
110.1	110.6	30.88	8.96	23.93	10.38
120.1	120.6	31.01	9.04	24.02	5.49
130.0	130.6	31.10	9.01	24.10	3.64*
140.0	140.7	31.14	8.99	24.13	2.97*
150.2	150.9	31.16	8.95	24.15	2.59*
160.2	160.9	31.17	8.93	24.16	1.57*
170.2	171.0	31.18	8.93	24.17	1.29*
180.2	181.0	31.18	8.93	24.17	1.38*
190.1	191.0	31.19	8.92	24.18	1.14*
200.3	201.2	31.20	8.92	24.18	1.09*
210.2	211.2	31.20	8.92	24.18	

MAX DEPTH 214.9

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 22 SAANICH INLET 1978

LAT N48 35.33

DATE 21/ 4/78

TIME (PST) 1131

TAPE CZ0/78/ 1- 42

LONG W123 30.13

PASS NO. 11

STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.39	9.69	21.89	4.21
2.1	2.1	28.52	9.62	21.99	18.06
5.1	5.1	29.10	9.27	22.50	12.70
10.0	10.1	29.18	9.09	22.58	7.78
15.1	15.1	29.32	8.77	22.74	6.64
20.1	20.2	29.40	8.61	22.83	6.96
25.0	25.1	29.44	8.58	22.87	6.11
30.1	30.2	29.45	8.55	22.88	4.26*
35.3	35.4	29.45	8.26	22.91	4.35
40.1	40.3	29.47	8.24	22.93	5.28*
45.1	45.2	29.50	8.04	22.98	6.02
50.3	50.4	29.59	8.05	23.06	7.20
60.0	60.3	29.86	8.24	23.24	9.33*
70.2	70.5	30.11	8.15	23.45	5.69
80.1	80.4	30.22	8.29	23.52	4.97*
90.1	90.5	30.39	8.48	23.62	5.04
100.0	100.5	30.57	8.68	23.73	9.03
110.2	110.7	30.87	8.97	23.92	6.54
120.2	120.7	31.06	9.08	24.05	5.08*
130.1	130.7	31.13	9.06	24.11	3.92*
140.3	141.0	31.16	9.02	24.14	2.46*
150.1	150.8	31.17	8.98	24.15	2.14*
160.0	160.8	31.18	8.97	24.16	1.73*
170.1	170.9	31.19	8.96	24.17	1.41*
180.1	181.0	31.19	8.95	24.18	1.08*
190.2	191.1	31.19	8.94	24.18	1.22*
200.1	201.0	31.19	8.93	24.18	1.05*
210.2	211.2	31.20	8.93	24.18	1.18*

MAX DEPTH 219.5

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 22 SAANICH INLET 1978

LAT N48 37.30

DATE 21/ 4/78

TIME (PST) 1106

TAPE CZ0/78/ 1- 43

LONG W123 29.90

PASS NO. 9

STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.32	10.10	21.76	30.83
2.1	2.1	28.30	10.12	21.75	7.56*
5.2	5.2	29.10	9.11	22.52	19.53
10.1	10.1	29.26	8.83	22.69	8.23
15.1	15.1	29.34	8.82	22.75	4.42
20.3	20.3	29.37	8.79	22.78	4.61*
25.2	25.3	29.40	8.76	22.80	5.18
30.1	30.2	29.46	8.68	22.86	5.77
35.1	35.2	29.49	8.68	22.89	4.08*
40.0	40.2	29.51	8.64	22.91	4.44
45.1	45.2	29.55	8.60	22.95	5.11
50.0	50.2	29.51	8.22	22.97	7.11*
60.2	60.4	29.77	8.11	23.19	7.75
70.2	70.5	30.09	8.17	23.43	6.67
80.1	80.4	30.21	8.28	23.51	4.96*
90.2	90.6	30.40	8.49	23.63	7.43
100.0	100.4	30.68	8.79	23.80	10.33
110.3	110.8	30.95	9.06	23.97	6.24*
120.1	120.7	31.08	9.09	24.07	4.93*
130.1	130.7	31.14	9.07	24.12	3.55*
140.2	140.9	31.17	9.04	24.14	2.54*
150.0	150.7	31.18	9.01	24.16	1.98*
160.1	160.9	31.19	8.98	24.17	1.61*
170.1	170.9	31.19	8.96	24.17	.97*
180.1	180.9	31.19	8.95	24.17	.84*
190.2	191.1	31.19	8.94	24.18	1.22*

MAX DEPTH 198.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 22 SAANICH INLET 1978
 LAT N48 39.26
 DATE 21/ 4/78
 TIME (PST) 1018

TAPE CZ0/78/ 1- 44
 LONG W123 30.13
 PASS NO. 7
 STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.50	9.61	21.98	19.69
2.2	2.2	28.39	9.65	21.89	5.82*
5.2	5.2	28.77	9.45	22.22	14.84
10.1	10.1	29.09	9.10	22.52	10.00
15.0	15.1	29.21	8.92	22.63	10.42
20.1	20.1	29.41	8.77	22.82	7.39
25.1	25.2	29.48	8.70	22.88	5.23
30.1	30.2	29.52	8.67	22.92	4.05*
35.1	35.2	29.53	8.49	22.95	5.95
40.2	40.3	29.53	8.33	22.97	5.77*
45.1	45.2	29.58	8.33	23.01	4.98*
50.0	50.2	29.59	8.12	23.05	6.32*
60.0	60.3	29.82	8.05	23.24	7.69
70.1	70.4	30.12	8.31	23.43	3.84*
80.1	80.4	30.22	8.32	23.51	6.22
90.2	90.6	30.41	8.50	23.64	7.05
100.1	100.5	30.66	8.79	23.79	9.65
110.1	110.6	30.95	9.05	23.97	7.45
120.1	120.6	31.08	9.09	24.07	4.57*
130.1	130.7	31.14	9.07	24.12	3.77
140.1	140.8	31.17	9.03	24.14	2.43*
150.1	150.8	31.17	9.02	24.15	1.95*
160.1	160.9	31.18	8.98	24.16	1.32*
170.0	170.8	31.18	8.97	24.17	1.41*

MAX DEPTH 177.8

CRUISE NO. 22 SAANICH INLET 1978
 LAT N48 41.58
 DATE 21/ 4/78
 TIME (PST) 0956

TAPE CZ0/78/ 1- 45
 LONG W123 30.15
 PASS NO. 5
 STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.43	9.47	21.94	13.38
2.1	2.1	28.11	9.54	21.69	6.02*
5.1	5.1	28.85	9.42	22.28	15.32
10.1	10.1	29.12	9.03	22.55	17.25
15.1	15.1	29.39	8.72	22.80	6.33
20.1	20.2	29.46	8.69	22.87	5.55*
25.1	25.2	29.48	8.67	22.89	3.14*
30.1	30.2	29.49	8.63	22.90	4.10
35.1	35.2	29.55	8.54	22.95	5.51
40.2	40.3	29.57	8.52	22.97	4.33*
45.2	45.4	29.58	8.42	22.99	5.32*
50.0	50.2	29.62	8.35	23.04	6.98*
60.2	60.4	29.98	8.20	23.34	8.76
70.1	70.4	30.43	8.33	23.67	10.54

MAX DEPTH 70.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 22 SAANICH INLET 1978
 LAT N48 43.75
 DATE 21/ 4/78
 TIME (PST) 0932

TAPE CZ0/78/ 1- 46
 LONG W123 32.46
 PASS NO. 3
 STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.65	9.04	22.18	+
2.2	2.2	28.72	9.02	22.24	14.41
5.0	5.0	29.14	8.82	22.60	14.90
10.1	10.1	29.18	8.79	22.64	6.48*
15.2	15.2	29.22	8.76	22.66	6.41*
20.0	20.1	29.32	8.75	22.74	8.87*
25.0	25.1	29.49	8.63	22.90	7.78*
30.1	30.2	29.54	8.60	22.94	5.57*
35.1	35.2	29.58	8.59	22.97	4.71
40.1	40.3	29.61	8.58	23.00	6.52
45.3	45.4	29.67	8.52	23.06	4.39
50.0	50.2	29.69	8.48	23.07	3.77*
60.1	60.3	29.85	8.41	23.21	9.61
70.2	70.5	29.93	8.41	23.27	3.83
80.2	80.5	30.08	8.44	23.38	9.52
90.1	90.5	30.47	8.41	23.69	8.15

MAX DEPTH 93.3

CRUISE NO. 22 SAANICH INLET 1978
 LAT N48 43.40
 DATE 21/ 4/78
 TIME (PST) 0834

TAPE CZ0/78/ 1- 47
 LONG W123 25.07
 PASS NO. 1
 STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.68	9.47	22.15	+
2.0	2.0	28.81	9.36	22.26	14.02
5.0	5.0	29.19	8.94	22.62	12.25
10.1	10.2	29.37	8.74	22.79	9.16
15.1	15.2	29.52	8.62	22.92	9.54*
20.1	20.2	29.59	8.65	22.97	6.49
25.2	25.2	29.68	8.64	23.04	8.61
30.2	30.3	29.80	8.63	23.14	6.46
35.2	35.3	29.85	8.62	23.18	5.07*
40.1	40.2	29.85	8.62	23.18	+
45.2	45.4	29.85	8.62	23.18	1.96*
50.2	50.3	29.86	8.62	23.18	6.54
60.1	60.3	30.27	8.53	23.52	5.29
70.1	70.5	30.85	8.43	23.98	13.58

MAX DEPTH 79.0

CRUISE NO. 23

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 23 SAANICH INLET 1978

LAT N48 31.22

DATE 29/ 5/78

TIME (PST) 1221

TAPE CZ0/78/ 1- 48

LONG W123 32.27

PASS NO. 15

STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.33	10.36	22.51	10.09
2.1	2.1	29.38	10.02	22.60	13.31
5.2	5.2	29.42	9.61	22.70	5.64
10.0	10.1	29.47	9.41	22.77	6.01*
15.1	15.2	29.47	9.19	22.80	4.50*
20.2	20.3	29.47	9.09	22.82	6.09
25.2	25.3	29.49	8.93	22.85	7.36*
30.0	30.1	29.55	8.64	22.94	7.45
35.2	35.3	29.68	8.40	23.08	10.73
40.1	40.3	29.82	8.34	23.20	9.62
45.1	45.2	29.93	8.34	23.28	4.59
50.1	50.3	29.98	8.36	23.31	5.49*
60.1	60.3	30.08	8.39	23.39	6.53*
70.0	70.3	30.29	8.47	23.54	5.95*
80.2	80.6	30.41	8.56	23.63	4.51*
90.1	90.5	30.51	8.62	23.70	4.42*
100.0	100.5	30.60	8.69	23.75	5.09
110.1	110.6	30.73	8.76	23.84	4.84*
120.4	121.0	30.79	8.81	23.89	4.68
130.1	130.7	30.93	8.89	23.99	5.05*
140.1	140.7	31.00	8.91	24.03	5.25*
150.2	150.9	31.13	8.93	24.13	

MAX DEPTH 155.6

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 23 SAANICH INLET 1978
 LAT N48 33.48
 DATE 29/ 5/78
 TIME (PST) 1152

TAPE CZ0/78/ 1- 49
 LONG W123 30.76
 PASS NO. 13
 STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.31	11.01	22.38	6.20*
2.2	2.2	29.38	10.75	22.49	6.73*
5.1	5.1	29.36	10.65	22.49	7.53*
10.1	10.1	29.40	10.29	22.57	6.11
15.1	15.2	29.46	9.75	22.71	7.14
20.3	20.3	29.45	9.52	22.73	7.25*
25.2	25.2	29.50	9.06	22.84	7.06*
30.4	30.5	29.53	8.66	22.92	6.86*
35.0	35.1	29.53	8.54	22.94	5.49
40.2	40.3	29.65	8.42	23.05	7.00
45.4	45.6	29.78	8.47	23.15	6.97*
50.2	50.4	29.91	8.65	23.22	7.20*
60.4	60.6	30.08	8.89	23.32	4.51
70.3	70.5	30.18	8.59	23.44	7.57*
80.3	80.6	30.36	8.55	23.59	5.64
90.4	90.8	30.52	8.70	23.69	5.21
100.2	100.7	30.61	8.73	23.76	4.49
110.1	110.6	30.81	8.86	23.89	7.21
120.1	120.6	31.02	8.98	24.04	6.51*
130.4	131.0	31.12	8.98	24.12	4.04*
140.2	140.9	31.16	8.95	24.15	2.06*
150.1	150.8	31.17	8.95	24.16	1.59*
160.2	160.9	31.18	8.94	24.17	1.84*
170.1	170.9	31.18	8.94	24.17	.76*
180.1	181.0	31.18	8.92	24.17	1.18*
190.2	191.1	31.19	8.93	24.18	
200.0	201.0	31.19	8.93	24.18	

MAX DEPTH 203.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 23 SAANICH INLET 1978
 LAT N48 35.33
 DATE 29/ 5/78
 TIME (PST) 1106

TAPE CZ0/78/ 1- 50
 LONG W123 30.13
 PASS NO. 11
 STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.38	12.46	22.18	26.47
2.1	2.1	29.32	11.26	22.35	13.78
5.2	5.2	29.30	10.96	22.39	8.57
10.1	10.2	29.34	10.48	22.50	9.76
15.1	15.1	29.52	9.65	22.77	9.52
20.1	20.2	29.56	9.61	22.80	4.11*
25.3	25.4	29.56	9.44	22.83	4.38*
30.2	30.3	29.52	9.02	22.86	5.40*
35.1	35.2	29.55	8.81	22.92	6.86
40.2	40.4	29.67	8.73	23.02	8.25*
45.2	45.4	29.72	8.69	23.07	5.32*
50.2	50.4	29.79	8.73	23.11	7.04
60.2	60.4	30.04	9.35	23.22	7.58
70.1	70.4	30.14	8.57	23.42	8.53*
80.1	80.4	30.35	8.53	23.58	6.57*
90.1	90.5	30.48	8.64	23.67	6.10
100.1	100.5	30.66	8.79	23.78	8.41*
110.2	110.7	30.92	8.96	23.96	8.16
120.4	120.9	31.08	9.05	24.08	5.04*
130.0	130.6	31.14	9.04	24.12	2.80*
140.3	141.0	31.15	9.00	24.14	2.41*
150.2	150.9	31.18	8.98	24.16	1.82*
160.2	161.0	31.19	8.95	24.17	3.82*
170.4	171.2	31.19	8.96	24.17	1.02*
180.0	180.9	31.19	8.95	24.18	1.24*
190.1	191.0	31.19	8.94	24.18	1.05*
200.3	201.3	31.20	8.93	24.18	

MAX DEPTH 202.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 23 SAANICH INLET 1978
 LAT N48 37.30
 DATE 29/ 5/78
 TIME (PST) 1040

TAPE CZ0/78/ 1- 51
 LONG W123 29.90
 PASS NO. 9
 STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.22	12.17	22.11	19.52
2.1	2.1	29.22	11.56	22.22	12.40
5.1	5.1	29.25	11.37	22.28	9.62
10.2	10.2	29.39	10.30	22.57	12.54
15.3	15.4	29.47	9.93	22.69	9.05*
20.1	20.2	29.58	9.66	22.81	6.98*
25.1	25.2	29.58	9.63	22.81	6.40*
30.1	30.2	29.59	9.27	22.88	6.32
35.3	35.4	29.60	8.72	22.97	9.01
40.1	40.2	29.70	8.65	23.06	8.14
45.2	45.4	30.02	9.11	23.24	6.35*
50.1	50.3	30.03	9.02	23.26	6.61*
60.1	60.4	30.18	9.43	23.32	5.32*
70.0	70.3	30.23	9.34	23.37	5.49
80.2	80.6	30.34	9.19	23.48	5.65*
90.2	90.5	30.43	8.70	23.62	5.27
100.3	100.7	30.57	8.71	23.73	5.80*
110.4	110.8	30.78	8.84	23.87	9.59
120.1	120.7	30.97	8.98	24.00	7.76*
130.0	130.6	31.10	9.07	24.09	5.24
140.2	140.8	31.15	9.04	24.13	2.87*
150.3	151.0	31.17	9.02	24.15	2.05*
160.1	160.9	31.18	9.00	24.16	1.65*
170.1	170.9	31.19	8.97	24.17	1.74*
180.2	181.1	31.19	8.95	24.18	1.27*
190.0	190.9	31.19	8.94	24.18	
200.0	201.0	31.19	8.94	24.18	

MAX DEPTH 201.1

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 23 SAANICH INLET 1978

LAT N48 39.26

DATE 29/ 5/78

TIME (PST) 0955

TAPE CZ0/78/ 1- 52

LONG W123 30.13

PASS NO. 7

STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.19	11.43	22.22	7.08
2.2	2.2	29.24	11.53	22.24	9.44
5.1	5.1	29.27	11.16	22.33	4.85
10.2	10.3	29.44	10.04	22.64	12.20
15.1	15.1	29.51	9.87	22.73	6.37*
20.2	20.2	29.56	9.81	22.77	4.57*
25.0	25.1	29.60	9.67	22.82	4.87*
30.2	30.3	29.65	9.67	22.86	5.89
35.2	35.3	29.66	9.48	22.90	6.40*
40.1	40.2	29.71	9.53	22.93	5.22
45.3	45.5	29.77	9.52	22.98	6.06
50.2	50.4	29.85	9.52	23.05	6.62
60.2	60.4	30.21	9.20	23.38	8.53
70.1	70.4	30.29	8.75	23.50	6.16
80.2	80.5	30.42	8.77	23.60	5.10*
90.0	90.4	30.49	8.75	23.66	5.49*
100.3	100.7	30.65	8.78	23.78	6.72*
110.1	110.6	30.84	8.89	23.91	7.30
120.0	120.6	31.01	9.03	24.02	5.80
130.2	130.8	31.13	9.06	24.11	3.89*
140.1	140.8	31.16	9.05	24.14	2.27*
150.2	150.9	31.18	9.01	24.16	2.44*
160.3	161.1	31.19	8.98	24.17	1.55*
170.3	171.1	31.20	8.96	24.18	1.52*
180.3	181.1	31.20	8.95	24.18	1.27*

MAX DEPTH 186.1

CRUISE NO. 23 SAANICH INLET 1978

LAT N48 41.58

DATE 29/ 5/78

TIME (PST) 0931

TAPE CZ0/78/ 1- 53

LONG W123 30.15

PASS NO. 5

STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.23	10.23	22.45	4.02
2.0	2.1	29.24	10.21	22.46	5.21
5.1	5.1	29.30	10.15	22.52	9.80
10.1	10.2	29.47	9.95	22.68	10.12
15.0	15.1	29.56	9.87	22.76	7.74*
20.3	20.3	29.57	9.84	22.78	3.11*
25.1	25.2	29.60	9.81	22.81	5.47*
30.2	30.3	29.65	9.77	22.85	7.94
35.2	35.4	29.83	9.64	23.01	10.93
40.3	40.5	29.88	9.50	23.07	6.12*
45.1	45.2	29.91	9.54	23.09	4.33
50.0	50.2	29.95	9.43	23.13	4.80
60.0	60.3	30.18	9.36	23.33	7.98
70.2	70.5	30.49	9.36	23.57	9.79

MAX. DEPTH 73.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 23 SAANICH INLET 1978
 LAT N48 43.75
 DATE 29/ 5/78
 TIME (PST) 0907

TAPE CZ0/78/ 1- 54
 LONG W123 32.46
 PASS NO. 3
 STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.69	10.08	22.83	5.02*
2.0	2.0	29.61	10.02	22.78	1.93*
5.1	5.1	29.64	9.83	22.83	5.00*
10.2	10.2	29.72	9.77	22.90	4.99*
15.2	15.3	29.75	9.75	22.93	4.98*
20.1	20.2	29.79	9.73	22.97	4.50*
25.0	25.1	29.81	9.72	22.98	4.02*
30.1	30.3	29.86	9.70	23.03	4.95*
35.1	35.2	29.92	9.67	23.08	5.93*
40.1	40.2	29.97	9.66	23.11	5.88*
45.0	45.2	30.01	9.64	23.15	5.82*
50.1	50.3	30.09	9.57	23.22	9.46
60.3	60.6	30.28	9.45	23.39	3.13*
70.3	70.6	30.30	9.37	23.42	4.10*
80.1	80.4	30.42	9.38	23.51	2.45*
90.1	90.5	30.40	9.18	23.52	6.32*
100.0	100.4	30.49	9.32	23.57	+

MAX DEPTH 100.8

CRUISE NO. 23 SAANICH INLET 1978
 LAT N48 43.40
 DATE 29/ 5/78
 TIME (PST) 0805

TAPE CZ0/78/ 1- 55
 LONG W123 25.07
 PASS NO. 1
 STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.44	10.20	22.62	12.49
2.2	2.2	29.58	10.10	22.74	9.64
5.1	5.2	29.68	10.05	22.83	12.09
10.1	10.1	29.78	10.00	22.92	7.86*
15.2	15.3	29.86	9.94	22.98	7.75
20.1	20.2	29.98	9.76	23.11	7.66*
25.2	25.3	29.98	9.73	23.11	1.98*
30.1	30.2	29.99	9.72	23.12	3.29*
35.1	35.2	30.02	9.70	23.15	4.67*
40.1	40.2	30.10	9.64	23.22	13.24
45.1	45.2	30.28	9.52	23.38	3.86*
50.2	50.4	30.29	9.51	23.39	3.05
60.1	60.3	30.36	9.45	23.45	5.79*
70.1	70.4	30.42	9.41	23.50	6.69*
80.0	80.4	30.56	9.32	23.63	4.84*

MAX DEPTH 89.4

CRUISE NO. 24

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 24 SAANICH INLET 1978

LAT N48 31.22

DATE 15/ 6/78

TIME (PST) 1614

TAPE CZ0/78/ 1- 56

LONG W123 32.27

PASS NO. 15

STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.09	13.89	21.69	22.02
2.1	2.1	29.07	13.89	21.67	5.53*
5.2	5.3	29.21	13.50	21.85	14.52
10.2	10.2	29.30	11.45	22.30	7.02
15.1	15.2	29.38	10.61	22.51	11.23*
20.1	20.2	29.43	9.86	22.66	9.20
25.1	25.2	29.46	9.47	22.75	5.88
30.1	30.2	29.54	9.01	22.88	8.49
35.2	35.3	29.60	8.78	22.96	6.83*
40.2	40.3	29.64	8.71	23.00	6.05
45.2	45.3	29.74	8.58	23.10	5.23
50.1	50.3	29.82	8.54	23.17	6.63
60.2	60.5	30.10	8.50	23.39	8.16*
70.1	70.4	30.35	8.57	23.58	5.20
80.0	80.4	30.51	8.65	23.69	5.53
90.1	90.5	30.55	8.68	23.72	3.49
100.3	100.7	30.60	8.70	23.75	3.94
110.1	110.6	30.70	8.77	23.82	4.48*
120.2	120.7	30.78	8.81	23.87	4.38*
130.0	130.6	30.95	8.87	24.00	6.90
140.2	140.9	31.10	8.93	24.11	4.25
150.1	150.8	31.14	8.93	24.14	3.46*
160.1	160.9	31.17	8.93	24.16	1.59*
170.1	170.9	31.17	8.92	24.17	

MAX DEPTH 170.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 24 SAANICH INLET 1978
 LAT N48 33.48
 DATE 15/ 6/78
 TIME (PST) 1542

TAPE CZ0/78/ 1- 57
 LONG W123 30.76
 PASS NO. 13
 STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.22	14.00	21.77	22.32
2.1	2.1	29.21	14.15	21.72	6.98*
5.2	5.3	29.27	11.53	22.26	17.52
10.0	10.0	29.35	10.56	22.49	12.72
15.0	15.1	29.44	9.81	22.68	8.25
20.1	20.1	29.51	9.28	22.82	11.03
25.3	25.3	29.57	8.95	22.91	9.07
30.2	30.3	29.67	8.79	23.02	7.67*
35.0	35.1	29.75	8.67	23.10	8.94
40.3	40.4	29.93	8.64	23.24	5.71*
45.0	45.2	30.07	8.98	23.30	7.01*
50.1	50.3	30.17	8.85	23.39	4.98
60.1	60.4	30.25	8.77	23.47	6.09
70.1	70.4	30.44	8.76	23.62	5.38*
80.2	80.5	30.52	8.87	23.66	4.45*
90.3	90.7	30.57	8.84	23.71	4.49*
100.1	100.5	30.66	8.94	23.77	4.49*
110.1	110.5	30.76	8.91	23.85	5.74*
120.0	120.6	30.94	8.96	23.98	6.92
130.2	130.8	31.05	8.98	24.06	5.36*
140.2	140.9	31.14	8.95	24.14	3.51*
150.2	150.9	31.16	8.95	24.15	3.86*
160.2	160.9	31.17	8.94	24.16	1.69*
170.3	171.1	31.18	8.94	24.17	1.29*
180.2	181.0	31.19	8.93	24.18	1.01*
190.0	190.9	31.19	8.93	24.18	.94*
200.1	201.0	31.19	8.93	24.18	

MAX DEPTH 207.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 24 SAANICH INLET 1978
 LAT N48 35.33
 DATE 15/ 6/78
 TIME (PST) 1447

TAPE CZ0/78/ 1- 58
 LONG W123 30.13
 PASS NO. 11
 STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.12	12.45	21.98	26.75*
2.1	2.1	29.44	11.98	22.32	22.26*
5.1	5.1	29.44	11.92	22.32	15.52*
10.2	10.2	29.35	10.66	22.47	10.66
15.0	15.1	29.47	10.06	22.67	9.89
20.0	20.1	29.51	9.42	22.79	6.74
25.0	25.1	29.58	9.06	22.91	6.66
30.2	30.3	29.66	9.32	22.93	8.29
35.0	35.2	29.75	8.84	23.07	8.84*
40.2	40.3	29.85	8.76	23.16	9.16
45.0	45.2	29.98	9.08	23.21	4.93
50.2	50.4	30.12	9.03	23.33	12.01*
60.2	60.5	30.33	8.85	23.52	6.20
70.1	70.4	30.44	8.90	23.60	6.23
80.2	80.5	30.54	8.93	23.67	4.23*
90.1	90.5	30.56	8.86	23.70	5.03*
100.2	100.7	30.63	8.80	23.76	5.10*
110.2	110.6	30.74	8.85	23.84	6.58
120.1	120.6	30.99	9.00	24.01	6.10
130.3	130.9	31.09	9.05	24.08	4.78*
140.1	140.7	31.15	9.03	24.13	3.70*
150.0	150.7	31.17	8.99	24.15	2.54*
160.2	161.0	31.18	8.96	24.16	1.82*
170.0	170.8	31.19	8.96	24.17	1.10*
180.2	181.0	31.19	8.95	24.18	1.16*
190.1	191.0	31.19	8.94	24.18	1.07*
200.2	201.2	31.20	8.93	24.18	1.07*
210.2	211.2	31.20	8.93	24.18	

MAX DEPTH 212.6

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 24 SAANICH INLET 1978

LAT N48 37.30

DATE 15/ 6/78

TIME (PST) 1415

TAPE CZ0/78/ 1- 59

LONG W123 29.90

PASS NO. 9

STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.05	13.90	21.65	12.85
2.0	2.0	29.05	13.66	21.70	12.62
5.1	5.1	29.09	12.39	21.97	20.89
10.0	10.1	29.38	10.55	22.51	10.91
15.0	15.1	29.41	10.17	22.60	12.32
20.2	20.3	29.48	9.61	22.74	9.67*
25.0	25.1	29.54	9.50	22.81	6.29*
30.1	30.2	29.59	9.19	22.89	8.26
35.1	35.2	29.83	9.72	23.00	7.41*
40.1	40.3	29.92	9.76	23.06	7.38*
45.3	45.4	29.94	9.53	23.11	8.51*
50.2	50.4	30.18	9.62	23.29	9.53
60.1	60.4	30.39	9.28	23.50	7.57
70.1	70.4	30.42	8.86	23.58	9.00
80.0	80.4	30.58	9.03	23.69	8.12
90.1	90.5	30.71	9.05	23.78	3.98*
100.0	100.5	30.76	8.95	23.84	5.74
110.2	110.7	30.90	8.92	23.95	6.48
120.0	120.6	31.03	9.02	24.04	4.65
130.2	130.8	31.11	9.06	24.09	3.98*
140.2	140.9	31.15	9.02	24.13	2.90*
150.3	151.0	31.17	9.00	24.15	2.04*
160.1	160.9	31.18	9.00	24.16	1.79*
170.0	170.8	31.19	8.97	24.17	1.51*
180.1	180.9	31.19	8.96	24.17	1.09*
190.2	191.1	31.19	8.95	24.18	.97*
200.1	201.0	31.20	8.94	24.18	.98*
210.1	211.0	31.19	8.94	24.18	

MAX DEPTH 214.4

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 24 SAANICH INLET 1978

LAT N48 39.26

DATE 15/ 6/78

TIME (PST) 1325

TAPE CZ0/78/ 1- 60

LONG W123 30.13

PASS NO. 7

STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.07	14.06	21.64	1.96*
2.1	2.1	29.08	14.02	21.65	6.27*
5.2	5.3	29.24	11.24	22.29	12.75*
10.0	10.1	29.37	10.60	22.50	13.20
15.0	15.1	29.43	10.39	22.58	9.04
20.2	20.2	29.52	10.03	22.71	8.34*
25.1	25.2	29.60	9.87	22.80	13.52
30.3	30.4	29.66	9.41	22.91	8.91
35.0	35.1	29.75	9.21	23.02	10.44
40.2	40.3	29.96	9.92	23.07	7.20*
45.1	45.2	29.98	9.49	23.15	9.99
50.1	50.3	30.15	9.56	23.27	7.90
60.2	60.4	30.38	9.40	23.48	6.07
70.1	70.4	30.51	9.13	23.62	5.80
80.2	80.5	30.61	8.98	23.72	4.62
90.1	90.5	30.66	8.90	23.77	4.46*
100.0	100.5	30.75	9.05	23.81	7.14*
110.1	110.6	30.84	8.93	23.90	5.68*
120.2	120.8	30.97	9.02	23.99	5.32*
130.0	130.6	31.07	9.05	24.07	4.63*
140.2	140.9	31.15	9.04	24.13	4.50
150.1	150.8	31.16	9.03	24.14	1.61*
160.1	160.9	31.18	9.01	24.16	1.37*
170.0	170.8	31.18	8.96	24.17	1.79*
180.1	180.9	31.19	8.96	24.17	.96*

MAX DEPTH 184.8

CRUISE NO. 24 SAANICH INLET 1978

LAT N48 41.58

DATE 15/ 6/78

TIME (PST) 1254

TAPE CZ0/78/ 1- 61

LONG W123 30.15

PASS NO. 5

STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.00	12.10	21.95	18.71
2.1	2.1	29.06	11.79	22.05	6.23*
5.1	5.2	29.34	11.14	22.38	15.72
10.0	10.1	29.52	10.65	22.61	12.73
15.2	15.2	29.61	10.45	22.71	6.09*
20.1	20.2	29.58	10.03	22.75	5.93*
25.0	25.1	29.64	9.81	22.84	6.78*
30.2	30.3	29.87	10.07	22.98	7.47*
35.1	35.3	29.90	10.13	22.98	7.33*
40.0	40.2	30.01	10.08	23.08	7.52
45.0	45.2	30.06	9.98	23.13	9.18
50.2	50.4	30.13	10.01	23.19	6.23*
60.1	60.3	30.26	9.81	23.32	10.28
70.1	70.4	30.94	9.35	23.92	5.80

MAX DEPTH 70.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 24 SAANICH INLET 1978
 LAT N48 43.75
 DATE 15/ 6/78
 TIME (PST) 1228

TAPE CZ0/78/ 1- 62
 LONG W123 32.46
 PASS NO. 3
 STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.53	10.82	22.59	12.11*
2.1	2.1	29.53	10.79	22.59	3.85*
5.0	5.0	29.63	10.57	22.71	10.00*
10.2	10.2	29.77	10.22	22.87	7.90*
15.2	15.2	29.80	10.18	22.90	5.80*
20.1	20.2	29.87	10.10	22.97	5.96
25.2	25.3	29.93	10.10	23.01	6.20*
30.1	30.2	30.01	10.09	23.08	5.82
35.1	35.2	30.05	10.00	23.12	11.71
40.2	40.4	30.25	9.80	23.31	9.65
45.1	45.2	30.28	9.78	23.34	6.59*
50.1	50.3	30.42	9.71	23.45	6.56*
60.0	60.3	30.46	9.64	23.50	3.55*
70.0	70.3	30.47	9.65	23.50	2.15*
80.1	80.4	30.53	9.62	23.56	4.66
90.1	90.5	30.67	9.48	23.69	8.32*
100.1	100.6	31.04	9.26	24.01	8.47

MAX DEPTH 109.5

CRUISE NO. 24 SAANICH INLET 1978
 LAT N48 43.40
 DATE 15/ 6/78
 TIME (PST) 1120

TAPE CZ0/78/ 1- 63
 LONG W123 25.07
 PASS NO. 1
 STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.34	11.85	22.26	21.86
2.1	2.1	29.42	11.01	22.47	16.11
5.1	5.1	29.49	10.63	22.59	7.22
10.0	10.1	29.50	10.57	22.60	4.10*
15.1	15.1	29.55	10.77	22.61	4.25
20.0	20.1	29.74	10.51	22.80	12.65
25.1	25.2	29.79	10.52	22.84	7.42
30.1	30.2	29.95	10.32	23.00	12.51*
35.1	35.2	30.02	10.24	23.06	4.97*
40.0	40.2	30.02	10.23	23.06	4.77
45.0	45.2	30.13	10.13	23.17	9.71
50.0	50.2	30.22	10.05	23.25	10.48*
60.0	60.3	30.61	9.67	23.61	8.99
70.1	70.4	30.93	9.40	23.91	13.44
80.1	80.5	31.26	9.13	24.20	6.60*
90.1	90.5	31.44	8.99	24.36	7.61

MAX DEPTH 91.9

CRUISE NO. 25

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 25 SAANICH INLET 1978
 LAT N48 31.22
 DATE 6/ 7/78
 TIME (PST) 0847

TAPE CZ0/78/ 1- 64
 LONG W123 32.27
 PASS NO. 1
 STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.79	18.46	20.45	10.34*
2.1	2.1	28.80	17.86	20.61	13.37*
5.2	5.2	28.84	17.59	20.70	17.92*
10.1	10.2	28.96	13.78	21.61	17.05
15.0	15.1	29.08	13.00	21.84	17.50
20.2	20.2	29.22	12.36	22.08	7.92*
25.1	25.2	29.23	12.27	22.10	9.29*
30.0	30.1	29.32	11.24	22.35	15.12
35.1	35.2	29.47	10.17	22.65	6.36
40.3	40.4	29.57	9.56	22.82	7.68
45.1	45.2	29.64	9.37	22.90	5.90
50.1	50.3	29.79	9.05	23.07	8.58
60.0	60.2	30.05	8.76	23.32	7.92
70.2	70.4	30.29	8.68	23.52	6.28
80.1	80.5	30.43	8.70	23.62	5.69*
90.2	90.6	30.54	8.73	23.70	4.38*
100.1	100.5	30.61	8.76	23.75	4.07*
110.0	110.5	30.68	8.79	23.80	3.77*
120.1	120.6	30.72	8.81	23.83	1.67*
130.0	130.6	30.75	8.82	23.85	2.98*

MAX DEPTH 136.7

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 25 SAANICH INLET 1978
 LAT N48 33.48
 DATE 6/ 7/78
 TIME (PST) 0909

TAPE CZ0/78/ 1- 65
 LONG W123 30.76
 PASS NO. 3
 STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.82	18.22	20.54	20.16
2.2	2.2	28.69	17.76	20.54	7.24*
5.0	5.0	28.73	16.94	20.76	18.30
10.1	10.1	28.90	13.18	21.68	16.43
15.2	15.2	29.06	12.17	21.99	16.60
20.2	20.2	29.27	11.57	22.25	9.96
25.1	25.1	29.36	10.66	22.48	15.64
30.2	30.3	29.49	9.93	22.70	9.90*
35.0	35.1	29.53	9.58	22.79	8.06*
40.3	40.5	29.58	9.36	22.85	11.06
45.3	45.4	29.73	9.05	23.02	9.57
50.3	50.5	29.88	9.08	23.13	8.88
60.0	60.3	30.13	9.11	23.33	8.94
70.2	70.4	30.34	9.01	23.50	7.18*
80.3	80.6	30.55	8.91	23.68	5.90
90.1	90.5	30.67	8.92	23.77	3.48
100.2	100.7	30.75	8.93	23.84	5.17
110.1	110.6	30.85	8.96	23.91	4.92
120.3	120.9	30.98	8.97	24.01	5.30
130.2	130.8	31.08	8.96	24.08	4.37*
140.2	140.8	31.12	8.96	24.12	3.42*
150.1	150.8	31.16	8.95	24.15	2.40*
160.3	161.0	31.17	8.94	24.16	1.13*
170.1	170.9	31.17	8.94	24.16	1.13*
180.0	180.9	31.18	8.94	24.17	1.21*
190.3	191.2	31.18	8.94	24.17	1.12*
200.2	201.2	31.18	8.94	24.17	1.05*
210.3	211.3	31.19	8.94	24.17	

MAX DEPTH 213.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 25 SAANICH INLET 1978
 LAT N48 35.33
 DATE 6/ 7/78
 TIME (PST) 0927

TAPE CZ0/78/ 1- 66
 LONG W123 30.13
 PASS NO. 5
 STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.66	17.36	20.61	21.48*
2.1	2.1	28.67	16.42	20.83	20.57*
5.1	5.1	28.72	13.80	21.42	19.19*
10.2	10.2	28.76	12.64	21.67	17.85
15.1	15.1	29.07	12.15	22.00	11.20
20.1	20.1	29.28	11.41	22.29	11.09
25.1	25.2	29.38	10.81	22.47	8.79
30.0	30.1	29.47	10.31	22.62	8.50
35.2	35.4	29.56	9.90	22.76	6.26*
40.2	40.4	29.61	9.36	22.88	8.45
45.0	45.2	29.68	9.24	22.95	10.71
50.3	50.5	29.97	9.45	23.14	10.45
60.1	60.3	30.20	9.37	23.34	7.38
70.1	70.4	30.46	9.03	23.59	8.40
80.1	80.4	30.63	8.98	23.73	5.24
90.2	90.6	30.71	8.98	23.80	4.50*
100.2	100.6	30.81	8.97	23.87	5.61
110.1	110.6	30.96	9.01	23.99	7.53*
120.2	120.8	31.03	9.02	24.04	4.52
130.2	130.8	31.11	9.01	24.10	3.91*
140.1	140.7	31.14	9.00	24.13	2.87*
150.0	150.7	31.16	8.99	24.15	1.82*
160.2	161.0	31.18	8.98	24.16	1.60*
170.3	171.1	31.18	8.97	24.17	1.64*
180.2	181.0	31.19	8.96	24.17	1.27*
190.2	191.1	31.19	8.95	24.17	1.08*
200.3	201.2	31.19	8.94	24.18	1.09*
210.1	211.1	31.19	8.94	24.18	

MAX DEPTH 218.9

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 25 SAANICH INLET 1978

LAT N48 37.30

DATE 6/ 7/78

TIME (PST) 1053

TAPE C20/78/ 1- 67

LONG W123 29.90

PASS NO. 8

STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.79	18.53	20.43	25.02*
2.1	2.1	28.74	17.48	20.64	23.84*
5.0	5.0	28.52	14.46	21.13	22.06*
10.2	10.2	28.88	12.81	21.73	15.08
15.1	15.1	29.06	11.99	22.02	13.25
20.1	20.2	29.24	11.48	22.25	7.01
25.1	25.2	29.36	10.97	22.43	4.08
30.0	30.1	29.43	10.64	22.54	7.01
35.1	35.2	29.54	10.22	22.69	9.09
40.0	40.1	29.61	9.75	22.82	8.86*
45.3	45.4	29.70	9.41	22.94	9.07*
50.3	50.5	29.98	9.72	23.11	9.44*
60.1	60.3	30.24	9.41	23.37	6.02
70.3	70.5	30.55	9.04	23.66	7.56
80.2	80.5	30.69	9.41	23.71	3.51*
90.2	90.6	30.74	9.40	23.76	5.15*
100.1	100.6	30.83	9.31	23.84	4.93
110.3	110.8	30.89	9.25	23.90	6.03
120.0	120.6	30.94	9.02	23.97	5.80*
130.0	130.6	31.06	9.02	24.06	5.17*
140.1	140.7	31.14	9.03	24.12	3.50*
150.1	150.8	31.16	9.01	24.14	1.84*
160.2	160.9	31.17	9.00	24.15	1.53*
170.2	171.0	31.18	8.99	24.16	1.77*
180.3	181.1	31.19	8.96	24.17	1.67*
190.2	191.1	31.19	8.95	24.17	1.22*
200.3	201.2	31.19	8.94	24.18	+

MAX DEPTH 203.3

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 25 SAANICH INLET 1978
 LAT N48 39.26
 DATE 6/ 7/78
 TIME (PST) 1142

TAPE CZ0/78/ 1- 68
 LONG W123 30.13
 PASS NO. 10
 STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.27	14.92	20.84	31.84
2.1	2.1	28.35	13.70	21.15	21.39
5.1	5.1	28.46	12.95	21.38	18.15
10.1	10.1	28.76	12.42	21.71	14.30*
15.0	15.1	28.95	12.16	21.90	11.91*
20.1	20.1	29.17	11.59	22.17	11.45
25.1	25.2	29.32	11.06	22.38	13.52
30.3	30.3	29.48	10.62	22.58	10.64
35.3	35.4	29.55	10.21	22.70	6.39
40.0	40.1	29.76	9.79	22.93	13.25*
45.2	45.3	29.93	9.52	23.10	9.99*
50.2	50.3	30.14	9.58	23.26	9.36*
60.2	60.5	30.48	9.63	23.52	8.28
70.2	70.5	30.57	9.08	23.67	6.55
80.2	80.5	30.70	9.08	23.77	4.00*
90.0	90.4	30.75	9.04	23.81	5.38*
100.1	100.5	30.88	9.28	23.88	4.31
110.2	110.7	30.93	9.05	23.96	4.80*
120.1	120.7	31.03	9.02	24.04	4.54
130.1	130.7	31.10	9.04	24.09	3.90*
140.1	140.8	31.12	9.03	24.11	2.86*
150.2	150.9	31.15	9.03	24.13	3.79*
160.1	160.9	31.17	9.00	24.15	2.26*
170.1	170.9	31.18	8.98	24.16	+

MAX DEPTH 171.6

CRUISE NO. 25 SAANICH INLET 1978
 LAT N48 41.58
 DATE 6/ 7/78
 TIME (PST) 1336

TAPE CZ0/78/ 1- 69
 LONG W123 30.15
 PASS NO. 15
 STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.59	17.62	20.50	15.43
2.0	2.0	28.19	16.54	20.44	26.74
5.1	5.1	28.66	13.01	21.52	26.10
10.1	10.1	28.89	12.36	21.82	5.65
15.2	15.3	28.95	12.09	21.91	6.68
20.2	20.3	29.42	10.94	22.48	15.29
25.1	25.2	29.53	10.62	22.62	6.32
30.3	30.3	29.59	10.67	22.66	6.56
35.0	35.1	29.69	10.42	22.77	11.40
40.2	40.4	29.80	10.31	22.88	6.34*
45.3	45.5	29.95	10.21	23.01	8.30
50.2	50.3	30.16	10.03	23.21	6.07
60.1	60.3	30.42	9.78	23.45	10.29*
70.1	70.4	30.58	9.67	23.59	4.76*
80.1	80.5	30.96	9.49	23.91	20.67*

MAX DEPTH 80.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 25 SAANICH INLET 1978
 LAT N48 43.75
 DATE 6/ 7/78
 TIME (PST) 1353

TAPE CZ0/78/ 1- 70
 LONG W123 32.46
 PASS NO. 17
 STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.46	14.35	21.11	1.23
2.1	2.1	28.42	14.04	21.14	15.89
5.2	5.2	28.75	12.79	21.63	15.76
10.1	10.2	29.21	11.60	22.21	18.55
15.1	15.1	29.51	10.97	22.54	11.18
20.2	20.3	29.66	10.72	22.70	8.15
25.0	25.1	29.79	10.54	22.83	7.50
30.2	30.3	29.83	10.42	22.89	5.45
35.2	35.3	29.91	10.33	22.96	7.14*
40.1	40.2	30.02	10.22	23.07	7.50*
45.2	45.4	30.04	10.20	23.08	6.90*
50.2	50.4	30.15	10.14	23.18	9.25
60.3	60.5	30.44	9.88	23.45	11.85
70.3	70.6	30.66	9.71	23.64	6.61
80.1	80.4	30.80	9.60	23.77	10.26
90.1	90.5	30.82	9.62	23.78	3.75
100.1	100.6	31.16	9.38	24.09	

MAX DEPTH 100.9

CRUISE NO. 25 SAANICH INLET 1978
 LAT N48 43.40
 DATE 6/ 7/78
 TIME (PST) 1424

TAPE CZ0/78/ 1- 71
 LONG W123 25.07
 PASS NO. 19
 STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.65	14.62	21.20	+
2.0	2.0	28.68	13.65	21.41	15.10
5.1	5.1	29.12	11.98	22.07	16.13
10.1	10.1	29.17	11.68	22.16	9.52
15.2	15.2	29.28	11.33	22.30	8.81*
20.2	20.2	29.42	11.00	22.47	10.16
25.1	25.2	29.60	10.74	22.65	6.59
30.1	30.2	29.72	10.59	22.77	5.64
35.1	35.2	29.86	10.47	22.90	8.03
40.2	40.3	30.02	10.32	23.05	11.63*
45.2	45.4	30.09	10.27	23.11	5.54*
50.2	50.4	30.14	10.22	23.16	6.88
60.2	60.4	30.41	9.99	23.41	11.03
70.2	70.5	30.71	9.75	23.68	6.91
80.0	80.4	31.19	9.39	24.11	13.00
90.0	90.5	31.44	9.15	24.34	

MAX DEPTH 90.1

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 25 SAANICH INLET 1978
 LAT N48 43.55
 DATE 6/ 7/78
 TIME (PST) 1518

TAPE CZ0/78/ 1- 72
 LONG W123 15.55
 PASS NO. 21
 STN: 9

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.97	11.00	22.89	4.76
2.1	2.1	30.00	10.81	22.95	9.21
5.1	5.1	30.12	10.56	23.08	12.31
10.0	10.1	30.19	10.24	23.20	7.63*
15.2	15.3	30.20	10.18	23.21	3.68*
20.2	20.3	30.26	10.17	23.26	2.27*
25.1	25.2	30.27	10.17	23.27	1.70*
30.1	30.2	30.26	10.18	23.26	2.44*
35.2	35.3	30.25	10.22	23.24	+
40.2	40.3	30.26	10.22	23.25	3.94*
45.2	45.4	30.30	10.19	23.28	4.33
50.2	50.4	30.32	10.17	23.31	4.71
60.2	60.5	30.46	10.11	23.43	7.48
70.3	70.6	30.76	9.82	23.71	9.26
80.2	80.5	30.92	9.67	23.86	13.42
90.2	90.6	31.35	9.27	24.25	8.77
100.2	100.7	31.45	9.18	24.34	4.73*
110.1	110.6	31.42	9.19	24.32	4.24*
120.2	120.8	31.59	9.06	24.47	11.74*
130.3	131.0	31.69	8.97	24.56	7.77
140.2	140.9	31.77	8.89	24.64	4.25*
150.1	150.9	31.86	8.82	24.72	4.03*
160.1	160.9	31.85	8.83	24.71	1.82*
170.2	171.1	31.94	8.75	24.79	1.77*

MAX DEPTH 177.3

CRUISE NO. 27

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 27 SAANICH INLET 1978

LAT N48 31.22

DATE 14/ 8/78

TIME (PST) 0928

TAPE CZ0/78/ 1- 73

LONG W123 32.27

PASS NO. 1

STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.83	15.99	21.05	12.28
2.2	2.2	28.83	15.67	21.12	5.76*
5.1	5.1	28.97	15.14	21.34	14.54
10.1	10.1	29.07	13.81	21.69	16.80
15.2	15.2	29.25	12.62	22.05	13.44
20.2	20.2	29.37	11.87	22.28	11.70
25.2	25.3	29.45	11.34	22.43	4.83
30.2	30.3	29.56	10.68	22.63	10.12
35.2	35.3	29.71	10.16	22.83	13.37
40.1	40.3	29.91	9.64	23.07	10.40
45.1	45.3	30.23	9.24	23.38	10.75
50.1	50.3	30.40	9.09	23.54	7.46
60.0	60.3	30.64	8.96	23.75	9.76
70.0	70.4	30.77	8.97	23.84	2.71*
80.1	80.5	30.80	8.99	23.87	2.03*
90.1	90.5	30.84	8.99	23.90	3.43*
100.3	100.7	30.89	9.02	23.93	3.09*
110.2	110.7	30.92	9.00	23.96	2.35
120.1	120.7	30.95	8.99	23.98	4.18*
130.1	130.7	30.97	8.98	24.00	2.67*
140.3	141.0	31.01	8.97	24.03	4.49*
150.2	150.9	31.08	8.95	24.09	

MAX DEPTH 157.7

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 27 SAANICH INLET 1978

LAT N48 35.33

DATE 14/ 8/78

TIME (PST) 1036

TAPE CZ0/78/ 1- 74

LONG W123 30.13

PASS NO. 3

STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.72	15.73	21.02	18.13
2.1	2.1	28.73	15.72	21.03	6.15*
5.2	5.2	28.75	14.43	21.31	15.56
10.1	10.1	29.03	13.74	21.66	12.98
15.2	15.2	29.13	13.09	21.87	11.53
20.1	20.1	29.32	11.99	22.22	16.69
25.2	25.3	29.48	11.11	22.50	7.06
30.1	30.2	29.54	10.77	22.61	12.66
35.1	35.3	29.67	10.33	22.77	11.89*
40.3	40.4	29.74	10.01	22.88	8.45
45.3	45.5	29.91	9.77	23.05	10.74
50.1	50.3	30.08	9.75	23.19	11.85*
60.3	60.5	30.55	9.53	23.59	10.57*
70.0	70.3	30.70	9.12	23.77	6.72*
80.3	80.6	30.83	9.22	23.85	4.25*
90.0	90.4	30.88	9.27	23.88	3.77*
100.2	100.7	30.95	9.25	23.94	3.93*
110.2	110.7	30.98	9.20	23.97	3.02*
120.3	120.8	31.02	9.22	24.00	3.06*
130.3	130.9	31.05	9.14	24.04	3.60*
140.2	140.8	31.08	9.06	24.07	4.61
150.2	150.9	31.12	9.00	24.11	2.92*
160.1	160.8	31.14	8.96	24.13	2.40*
170.1	170.9	31.15	8.97	24.14	1.89*
180.2	181.0	31.17	8.97	24.15	1.64*
190.1	191.0	31.18	8.96	24.16	1.49*
200.2	201.1	31.18	8.96	24.16	.92*
210.0	211.0	31.18	8.95	24.17	

MAX DEPTH 217.3

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 27 SAANICH INLET 1978

LAT N48 39.26

DATE 14/ 8/78

TIME (PST) 1151

TAPE CZ0/78/ 1- 75

LONG W123 30.13

PASS NO. 5

STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	28.65	15.85	20.94	3.25
2.1	2.1	28.64	15.74	20.95	7.44
5.4	5.4	28.69	14.34	21.29	28.37
10.4	10.4	28.96	13.69	21.62	13.29
15.1	15.1	29.12	13.14	21.85	13.78
20.3	20.4	29.27	12.33	22.12	12.99
25.2	25.3	29.38	11.58	22.34	13.65
30.3	30.3	29.60	11.01	22.61	13.62
35.2	35.4	29.72	10.48	22.79	10.43
40.0	40.2	29.78	10.30	22.87	7.89*
45.1	45.3	30.04	10.20	23.09	9.15
50.1	50.3	30.22	10.08	23.24	7.74
60.2	60.5	30.57	9.56	23.60	9.64*
70.3	70.6	30.78	9.39	23.79	6.07
80.1	80.4	30.80	9.22	23.83	3.95
90.2	90.6	30.92	9.47	23.89	3.68*
100.2	100.7	30.95	9.37	23.93	4.53*
110.4	110.9	31.02	9.37	23.98	3.93*
120.1	120.6	31.05	9.29	24.02	3.39*
130.2	130.8	31.09	9.16	24.06	3.47*
140.2	140.9	31.11	9.09	24.09	2.25*
150.3	151.0	31.12	9.06	24.10	2.57*
160.2	161.0	31.15	9.00	24.13	2.38*
170.2	171.0	31.16	8.99	24.15	1.70*
180.1	181.0	31.17	8.98	24.15	+

MAX DEPTH 184.7

CRUISE NO. 27 SAANICH INLET 1978

LAT N48 41.58

DATE 14/ 8/78

TIME (PST) 1253

TAPE CZ0/78/ 1- 76

LONG W123 30.15

PASS NO. 7

STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	28.61	14.48	21.20	64.55
2.3	2.3	28.63	14.45	21.22	30.92
5.1	5.1	28.82	14.03	21.45	12.22
10.3	10.3	28.92	13.60	21.61	16.01
15.1	15.1	29.22	12.74	22.01	8.10
20.2	20.3	29.34	12.41	22.16	11.84
25.2	25.3	29.50	12.01	22.36	7.97
30.3	30.4	29.65	11.62	22.54	9.66
35.2	35.3	29.79	11.33	22.70	6.26
40.1	40.2	29.89	11.19	22.80	6.81
45.2	45.4	29.95	11.10	22.86	6.88*
50.1	50.3	30.03	10.80	22.98	12.72
60.2	60.5	30.69	9.85	23.64	12.86

MAX DEPTH 68.4

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 27 SAANICH INLET 1978
 LAT N48 33.48
 DATE 15/ 8/78
 TIME (PST) 1005

TAPE CZ0/78/ 1- 77
 LONG W123 30.76
 PASS NO. 1
 STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	28.86	15.56	21.16	46.33
2.2	2.2	28.85	15.53	21.16	20.05
5.1	5.1	28.80	14.83	21.27	26.08
10.4	10.4	29.18	12.66	21.99	15.27
15.2	15.3	29.34	11.71	22.29	10.80
20.2	20.3	29.42	11.36	22.41	11.69*
25.0	25.1	29.47	10.79	22.54	8.80*
30.0	30.1	29.52	10.67	22.60	8.71*
35.0	35.1	29.59	10.21	22.74	10.05
40.1	40.2	29.72	9.82	22.90	11.25
45.1	45.2	29.91	9.55	23.08	12.55
50.0	50.2	30.07	9.49	23.22	10.66
60.2	60.5	30.44	9.20	23.55	10.02
70.0	70.3	30.74	9.10	23.80	9.07*
80.0	80.4	30.85	9.16	23.88	3.02*
90.2	90.6	30.91	9.20	23.92	5.25
100.0	100.5	30.97	9.21	23.96	2.57*
110.2	110.7	31.01	9.22	23.99	3.17*
120.2	120.7	31.04	9.14	24.03	4.10*
130.3	130.9	31.07	9.01	24.07	3.13
140.2	140.8	31.10	8.97	24.11	3.18*
150.1	150.8	31.12	8.96	24.12	2.41*
160.2	160.9	31.15	8.94	24.14	2.10*
170.2	171.0	31.16	8.95	24.15	1.58*
180.3	181.1	31.16	8.95	24.15	1.06*
190.1	191.0	31.17	8.95	24.16	1.22*
200.2	201.1	31.17	8.95	24.16	.95*

MAX DEPTH 206.1

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 27 SAANICH INLET 1978

LAT N48 37.30

DATE 15/ 8/78

TIME (PST) 1115

TAPE CZ0/78/ 1- 78

LONG W123 29.90

PASS NO. 3

STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.73	16.57	20.85	22.21
2.1	2.1	28.62	16.12	20.86	6.52*
5.1	5.1	28.81	15.43	21.15	17.64
10.3	10.3	29.08	13.22	21.81	13.07
15.0	15.1	29.29	12.39	22.12	13.67
20.3	20.4	29.44	11.64	22.38	8.70
25.2	25.2	29.45	11.36	22.43	10.10
30.2	30.3	29.60	11.03	22.61	8.47
35.1	35.3	29.68	10.73	22.72	10.21
40.2	40.3	29.73	10.24	22.84	9.62*
45.3	45.4	29.97	10.22	23.03	11.53
50.3	50.5	30.13	9.66	23.24	12.83
60.3	60.5	30.57	9.37	23.63	8.55
70.1	70.4	30.79	9.17	23.83	6.46*
80.3	80.6	30.89	9.34	23.88	4.47*
90.3	90.7	30.95	9.32	23.93	3.52*
100.4	100.9	31.05	9.55	23.97	4.01*
110.2	110.7	31.07	9.50	24.00	4.13
120.1	120.7	31.13	9.35	24.06	4.63*
130.2	130.8	31.14	9.18	24.10	3.74*
140.3	140.9	31.15	9.05	24.13	2.88*
150.2	150.9	31.16	8.99	24.15	1.93*
160.1	160.8	31.17	8.97	24.15	1.34*
170.2	171.0	31.18	8.96	24.16	1.34*
180.1	180.9	31.18	8.97	24.16	1.21*
190.3	191.2	31.18	8.96	24.17	1.09*
200.1	201.0	31.18	8.96	24.17	.95*

MAX DEPTH 207.6

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 27 SAANICH INLET 1978

LAT N48 41.58

DATE 15/ 8/78

TIME (PST) 1232

TAPE CZ0/78/ 1- 79

LONG W123 30.15

PASS NO. 5

STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.70	17.70	20.56	41.29
2.1	2.1	28.70	15.33	21.09	25.31
5.3	5.3	28.92	14.21	21.49	16.28
10.2	10.3	28.99	13.68	21.65	15.16
15.1	15.2	29.46	12.08	22.31	12.32
20.2	20.3	29.65	11.69	22.53	15.52*
25.1	25.2	29.68	11.58	22.57	10.37*
30.1	30.2	29.87	11.19	22.79	7.33*
35.3	35.4	29.89	11.10	22.82	4.32*
40.0	40.2	29.91	11.08	22.84	7.12*
45.1	45.3	29.97	10.96	22.90	9.96*
50.2	50.3	30.14	10.66	23.09	8.22
60.0	60.3	30.56	10.17	23.49	13.76*
70.1	70.4	30.90	9.54	23.85	5.79

MAX DEPTH 76.2

CRUISE NO. 27 SAANICH INLET 1978

LAT N48 43.40

DATE 15/ 8/78

TIME (PST) 1308

TAPE CZ0/78/ 1- 80

LONG W123 25.07

PASS NO. 7

STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.18	13.10	21.90	7.48
2.1	2.1	29.20	13.04	21.93	5.20
5.3	5.3	29.20	13.00	21.94	7.39
10.2	10.2	29.38	12.46	22.18	9.08
15.3	15.3	29.41	12.08	22.27	6.37
20.2	20.3	29.66	11.38	22.59	8.17
25.3	25.4	29.89	11.08	22.82	13.32
30.1	30.3	29.95	11.01	22.88	5.35
35.2	35.3	29.97	10.99	22.90	3.64*
40.1	40.3	29.98	10.98	22.90	3.64
45.3	45.4	30.05	10.90	22.97	5.75
50.2	50.4	30.06	10.88	22.99	6.73*
60.2	60.4	30.28	10.63	23.20	11.02
70.2	70.5	30.82	10.05	23.71	14.03
80.2	80.6	31.77	9.09	24.60	9.62

MAX DEPTH 88.4

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 27 SAANICH INLET 1978

LAT N48 43.55

DATE 15/ 8/78

TIME (PST) 1400

TAPE CZ0/78/ 1- 81

LONG W123 15.55

PASS NO. 9

STN: 9

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.05	11.03	22.95	8.89
2.3	2.3	30.13	10.85	23.04	13.02
5.2	5.2	30.19	10.58	23.14	7.03
10.3	10.3	30.23	10.52	23.18	6.42
15.1	15.2	30.51	10.31	23.43	13.76*
20.3	20.4	31.14	9.69	24.02	14.43*
25.1	25.2	31.26	9.59	24.13	7.05*
30.2	30.3	31.30	9.56	24.16	5.82
35.3	35.5	31.46	9.42	24.31	7.62*
40.3	40.5	31.43	9.44	24.29	+
45.2	45.4	31.44	9.43	24.29	6.26*
50.2	50.5	31.46	9.42	24.31	5.56
60.1	60.4	31.54	9.34	24.39	5.41
70.3	70.6	31.62	9.25	24.47	+
80.2	80.6	32.03	8.85	24.84	9.48*
90.2	90.7	32.07	8.80	24.88	4.50
100.1	100.6	32.27	8.57	25.07	8.64
110.0	110.7	32.21	8.65	25.01	+
120.1	120.7	32.23	8.62	25.03	+
130.2	130.9	32.27	8.57	25.08	3.49
140.2	141.0	32.39	8.43	25.19	8.65*
150.1	151.0	32.58	8.21	25.37	9.51
160.2	161.1	32.69	8.08	25.48	+
170.3	171.3	32.81	7.95	25.59	6.13
180.1	181.2	32.86	7.88	25.64	1.21*

MAX DEPTH 185.6

CRUISE NO. 28

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 28 SAANICH INLET 1978

LAT N48 31.22

DATE 29/ 8/78

TIME (PST) 0939

TAPE CZ0/78/ 1- 82

LONG W123 32.27

PASS NO. 1

STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.94	15.75	20.42	40.59
2.3	2.3	28.93	15.63	21.20	33.98
5.1	5.1	29.20	13.34	21.88	34.68
10.2	10.3	29.44	12.04	22.30	14.59*
15.0	15.1	29.46	11.41	22.43	8.86
20.2	20.2	29.50	11.12	22.51	6.21
25.1	25.1	29.54	10.84	22.59	5.11
30.0	30.1	29.61	10.54	22.70	9.69
35.3	35.4	29.74	10.07	22.87	12.67
40.1	40.2	29.83	9.87	22.97	5.92
45.2	45.3	29.93	9.73	23.07	10.22
50.3	50.4	29.99	9.64	23.14	6.23
60.2	60.4	30.27	9.35	23.40	4.75
70.1	70.4	30.55	9.14	23.65	9.99
80.4	80.7	30.80	9.05	23.86	7.02
90.2	90.6	30.91	9.04	23.94	4.39*
100.1	100.5	30.95	9.04	23.97	3.74
110.2	110.7	30.99	9.02	24.01	2.61*
120.0	120.6	31.01	9.02	24.03	3.30*
130.2	130.8	31.04	9.00	24.05	3.34*
140.1	140.7	31.10	8.97	24.10	3.73*
150.1	150.8	31.14	8.95	24.13	

MAX DEPTH 157.3

CRUISE NO. 28 SAANICH INLET 1978

LAT N48 35.33

DATE 29/ 8/78

TIME (PST) 1047

TAPE CZ0/78/ 1- 83

LONG W123 30.13

PASS NO. 3

STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.11	16.15	21.23	23.07
2.1	2.1	29.14	15.05	21.48	12.95
5.2	5.3	29.32	13.39	21.96	23.97
10.0	10.0	29.45	12.27	22.27	9.84
15.2	15.2	29.55	11.71	22.44	7.01
20.2	20.3	29.66	11.48	22.57	7.73*
25.2	25.2	29.67	10.78	22.70	11.42
30.0	30.1	29.81	10.63	22.83	16.02
35.4	35.5	29.90	10.34	22.95	9.30
40.1	40.2	30.06	10.52	23.05	7.69*
45.1	45.3	30.10	10.14	23.14	10.22

MAX DEPTH 47.7

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 28 SAANICH INLET 1978

LAT N48 39.26

DATE 29/ 8/78

TIME (PST) 1205

TAPE CZO/78/ 1- 84

LONG W123 30.13

PASS NO. 5

STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.13	16.49	21.17	33.90
2.1	2.1	29.17	14.32	21.66	23.78
5.1	5.1	29.23	13.68	21.83	13.65
10.1	10.1	29.35	12.46	22.16	11.85
15.3	15.3	29.59	12.07	22.42	12.79
20.0	20.1	29.69	11.65	22.56	8.22
25.1	25.2	29.68	11.10	22.65	21.63
30.2	30.3	29.88	11.12	22.80	11.45*
35.1	35.2	30.01	10.95	22.94	6.40
40.3	40.4	30.12	10.84	23.04	9.09
45.0	45.2	30.22	10.67	23.15	6.48
50.1	50.3	30.33	10.46	23.27	10.87*
60.1	60.4	30.54	10.23	23.47	7.49*
70.2	70.5	30.71	9.77	23.67	6.34
80.1	80.5	30.83	9.28	23.84	6.27
90.1	90.5	30.97	9.44	23.93	5.02
100.1	100.5	31.01	9.43	23.96	2.79*
110.1	110.6	31.05	9.37	24.00	2.36*
120.1	120.7	31.07	9.33	24.02	3.26*
130.3	130.9	31.09	9.28	24.05	2.64
140.1	140.7	31.11	9.24	24.07	3.06*
150.2	150.9	31.13	9.13	24.10	3.40*
160.0	160.8	31.14	9.05	24.12	2.61*
170.0	170.8	31.15	8.99	24.14	2.36*
180.1	180.9	31.16	8.98	24.15	

MAX DEPTH 186.8

CRUISE NO. 28 SAANICH INLET 1978

LAT N48 41.58

DATE 29/ 8/78

TIME (PST) 1327

TAPE CZO/78/ 1- 85

LONG W123 30.15

PASS NO. 7

STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.25	14.02	21.78	19.23
2.2	2.2	29.29	13.00	22.01	13.18
5.0	5.0	29.36	12.68	22.12	9.50
10.2	10.2	29.48	12.10	22.32	11.65
15.4	15.5	29.61	11.82	22.47	6.65*
20.1	20.2	29.61	11.78	22.48	5.18
25.2	25.3	29.67	11.68	22.55	7.18
30.2	30.3	29.74	11.50	22.63	6.41
35.4	35.5	29.97	11.04	22.89	9.43
40.2	40.4	30.22	10.65	23.15	9.67
45.1	45.3	30.24	10.63	23.17	2.92*
50.1	50.3	30.25	10.62	23.17	6.43
60.3	60.5	30.48	10.11	23.44	6.20
70.3	70.6	30.68	9.65	23.67	9.88*
80.1	80.5	31.23	9.62	24.10	9.33

MAX DEPTH 83.5

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 28 SAANICH INLET 1978

LAT N48 43.75

DATE 29/ 8/78

TIME (PST) 1346

TAPE CZ0/78/ 1- 86

LONG W123 32.46

PASS NO. 9

STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.53	15.38	20.95	58.23
2.2	2.2	29.24	12.62	22.04	32.21
5.4	5.4	29.44	12.07	22.30	11.76
10.2	10.2	29.60	11.82	22.46	12.78
15.0	15.1	29.81	11.45	22.69	7.25*
20.3	20.3	29.83	11.41	22.72	5.14
25.0	25.1	29.87	11.33	22.76	6.05
30.3	30.4	29.91	11.26	22.81	4.79
35.3	35.4	29.94	11.20	22.84	7.25*
40.1	40.2	30.03	10.99	22.94	8.92
45.2	45.4	30.15	10.75	23.07	8.66
50.0	50.2	30.34	10.51	23.26	11.98
60.3	60.6	30.55	10.30	23.47	5.12*
70.3	70.6	30.67	10.17	23.57	7.29
80.2	80.6	31.15	9.76	24.01	10.46
90.3	90.7	31.39	9.56	24.23	6.75*
100.2	100.7	31.44	9.51	24.29	+

MAX DEPTH 106.8

CRUISE NO. 28 SAANICH INLET 19 0

LAT N48 43.40

DATE 29/ 08/78

TIME (PST) 1438

TAPE CZ0/78/ 1- 87

LONG W123 25.07

PASS NO. 9

STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.90	12.55	21.79	37.20
2.2	2.2	29.18	11.63	22.17	18.95
5.1	5.1	29.26	11.57	22.25	8.27
10.2	10.2	29.50	11.44	22.46	13.23
15.2	15.3	29.60	11.32	22.55	4.26*
20.1	20.1	29.62	11.32	22.57	2.40*
25.2	25.3	29.61	11.31	22.57	1.75*
30.1	30.2	29.62	11.34	22.57	2.88
35.2	35.4	29.73	11.26	22.67	11.17
40.3	40.5	29.78	11.17	22.72	8.23*
45.2	45.3	29.89	11.02	22.83	9.42
50.1	50.3	30.05	10.87	22.98	8.76
60.1	60.3	30.48	10.39	23.39	5.76
70.1	70.4	30.74	10.14	23.64	9.07*
80.0	80.4	31.45	9.51	24.29	21.21

MAX DEPTH 89.6

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 28 SAANICH INLET 1978

LAT N48 43.55

DATE 29/ 8/78

TIME (PST) 1519

TAPE CZ0/78/ 1- 88

LONG W123 15.55

PASS NO. 13

STN: 9

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.08	14.10	20.10	42.13
2.2	2.2	28.35	12.00	21.47	40.06
5.3	5.3	29.58	10.86	22.62	21.54
10.2	10.2	30.03	10.53	23.02	18.32*
15.0	15.1	30.13	10.49	23.10	9.06*
20.1	20.2	30.25	10.41	23.21	7.97*
25.1	25.2	30.27	10.40	23.23	7.00*
30.2	30.3	30.45	10.30	23.38	7.65
35.1	35.2	30.83	10.08	23.72	7.80
40.2	40.4	30.97	9.97	23.85	7.45
45.0	45.2	30.99	9.95	23.86	4.86*
50.1	50.3	31.02	9.93	23.89	5.75
60.3	60.7	31.88	9.17	24.68	25.80
70.2	70.6	32.05	8.99	24.84	6.63*
80.3	80.7	32.13	8.91	24.92	3.68*
90.0	90.5	32.16	8.88	24.95	3.93*
100.1	100.6	32.23	8.81	25.01	5.88*
110.1	110.7	32.27	8.77	25.04	2.49*
120.0	120.7	32.28	8.75	25.06	1.75*
130.0	130.8	32.29	8.74	25.06	+
140.3	141.1	32.28	8.76	25.05	+
150.0	150.9	32.28	8.75	25.06	4.11*
160.2	161.1	32.33	8.70	25.10	4.04
170.1	171.1	32.50	8.53	25.26	4.92*
180.1	181.1	32.52	8.52	25.28	2.17*
190.0	191.1	32.53	8.51	25.29	

MAX DEPTH 191.0

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 28 SAANICH INLET 1978

LAT N48 33.48

DATE 30/ 8/78

TIME (PST) 0946

TAPE CZ0/78/ 1- 89

LONG W123 30.76

PASS NO. 1

STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.22	17.59	20.99	14.17
2.1	2.1	29.29	16.15	21.37	22.68
5.0	5.0	29.31	13.69	21.89	22.17
10.0	10.0	29.49	12.57	22.24	13.34
15.0	15.1	29.55	12.13	22.37	8.99
20.2	20.2	29.55	11.35	22.51	8.47
25.1	25.2	29.61	10.79	22.65	13.45
30.1	30.2	29.71	10.32	22.81	8.95
35.1	35.3	29.82	10.11	22.93	5.00
40.1	40.3	29.90	9.89	23.02	6.73*
45.1	45.2	30.03	10.06	23.10	6.62*
50.0	50.2	30.08	9.85	23.17	8.87
60.1	60.4	30.34	9.56	23.42	8.40
70.1	70.3	30.53	9.55	23.57	8.23*
80.0	80.4	30.74	9.18	23.79	5.83
90.1	90.5	30.92	9.30	23.91	5.05
100.1	100.6	30.97	9.33	23.95	3.93*
110.0	110.5	31.00	9.26	23.98	2.40*
120.1	120.7	31.04	9.23	24.02	4.10*
130.1	130.7	31.07	9.11	24.06	3.36*
140.2	140.8	31.09	9.06	24.08	3.18*
150.1	150.8	31.13	8.99	24.12	2.79*
160.1	160.9	31.14	8.97	24.14	2.00*
170.1	170.9	31.16	8.96	24.15	1.41*
180.2	181.1	31.16	8.96	24.15	1.18*
190.2	191.1	31.16	8.96	24.15	1.16*
200.0	200.9	31.17	8.96	24.16	1.25*
210.2	211.2	31.18	8.96	24.17	

MAX DEPTH 214.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 28 SAANICH INLET 1978
 LAT N48 37.30
 DATE 30/ 8/78
 TIME (PST) 1100

TAPE CZ0/78/ 1- 90
 LONG W123 29.90
 PASS NO. 3
 STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.32	16.80	21.24	18.97
2.2	2.2	29.23	15.14	21.53	22.92
5.1	5.1	29.30	13.31	21.96	21.56
10.1	10.1	29.45	12.34	22.26	9.95
15.1	15.2	29.58	12.12	22.39	6.17
20.1	20.2	29.59	11.77	22.47	7.33*
25.1	25.1	29.64	11.39	22.57	8.16*
30.1	30.2	29.77	10.72	22.79	8.67*
35.1	35.2	29.90	10.93	22.86	10.00
40.2	40.3	29.96	10.81	22.92	9.18
45.2	45.3	30.06	10.24	23.09	8.12
50.1	50.3	30.14	10.14	23.17	8.83*
60.2	60.4	30.36	9.85	23.39	8.55
70.0	70.3	30.54	9.65	23.56	9.66
80.1	80.5	30.89	9.49	23.86	8.31
90.1	90.5	30.98	9.45	23.93	4.06*
100.0	100.5	31.02	9.43	23.97	2.59*
110.1	110.6	31.03	9.30	23.99	2.71*
120.2	120.7	31.07	9.27	24.03	3.35*
130.2	130.8	31.10	9.23	24.06	2.52*
140.1	140.8	31.12	9.18	24.08	2.65*
150.2	150.9	31.13	9.13	24.10	3.54*
160.3	161.0	31.15	9.04	24.13	2.72*
170.1	170.9	31.16	9.00	24.14	2.22*
180.0	180.8	31.17	8.98	24.15	1.57*
190.2	191.1	31.17	8.97	24.16	1.28*
200.3	201.2	31.18	8.97	24.16	1.18*
210.1	211.1	31.18	8.96	24.17	

MAX DEPTH 210.9

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 28 SAANICH INLET 1978

LAT N48 39.26

DATE 30/ 8/78

TIME (PST) 1214

TAPE C20/78/ 1- 91

LONG W123 30.13

PASS NO. 5

STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.51	17.98	21.12	98.01
2.1	2.1	29.55	12.94	22.22	38.67
5.2	5.2	29.37	12.55	22.15	10.80
10.0	10.1	29.47	12.16	22.30	9.73
15.2	15.2	29.56	12.05	22.40	8.00
20.2	20.2	29.62	11.78	22.49	10.24
25.2	25.2	29.66	11.37	22.59	9.63
30.1	30.2	29.81	11.18	22.74	7.24*
35.2	35.3	29.86	11.03	22.81	8.06
40.1	40.2	30.03	10.98	22.94	6.88
45.2	45.3	30.08	10.88	23.00	5.09
50.0	50.2	30.17	10.70	23.10	8.33*
60.1	60.3	30.52	10.20	23.46	10.09
70.1	70.4	30.68	9.77	23.65	9.29
80.2	80.6	30.87	9.28	23.88	7.10
90.1	90.5	31.00	9.42	23.96	3.68*
100.3	100.7	31.04	9.39	23.99	3.00*
110.0	110.5	31.06	9.35	24.01	3.04*
120.2	120.7	31.09	9.29	24.04	3.26*
130.1	130.7	31.11	9.23	24.07	3.49*
140.2	140.8	31.13	9.12	24.10	3.02*
150.2	150.9	31.15	9.03	24.13	2.53*
160.2	161.0	31.16	8.98	24.14	1.44*
170.2	171.0	31.16	8.98	24.15	1.15*
180.0	180.9	31.17	8.97	24.16	+

MAX DEPTH 183.1

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 28 SAANICH INLET 1978

LAT N48 41.58

DATE 30/ 8/78

TIME (PST) 1245

TAPE CZ0/78/ 1- 92

LONG W123 30.15

PASS NO. 7

STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.27	16.18	21.34	33.10
2.2	2.2	29.33	14.67	21.71	21.78
5.2	5.2	29.43	13.28	22.07	19.77
10.1	10.2	29.46	12.70	22.20	9.11
15.2	15.2	29.46	12.23	22.28	7.39*
20.2	20.2	29.56	11.97	22.41	8.77
25.0	25.1	29.63	11.79	22.50	8.46
30.0	30.1	29.83	11.44	22.71	11.42
35.2	35.3	30.03	10.98	22.95	8.14
40.1	40.2	30.09	10.85	23.02	4.96*
45.1	45.2	30.13	10.81	23.06	7.49*
50.0	50.2	30.25	10.56	23.18	6.98
60.1	60.3	30.40	10.03	23.39	6.43*
70.1	70.4	30.65	10.00	23.59	7.62
80.2	80.6	31.22	9.63	24.09	7.44

MAX DEPTH 86.0

CRUISE NO. 28 SAANICH INLET 1978

LAT N48 43.40

DATE 30/ 8/78

TIME (PST) 1333

TAPE CZ0/78/ 1- 93

LONG W123 25.07

PASS NO. 9

STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.21	12.75	21.22	41.89
2.1	2.1	28.81	11.68	21.88	24.60
5.1	5.1	28.99	11.62	22.03	8.58
10.1	10.1	29.20	11.65	22.19	12.09
15.1	15.1	29.33	11.50	22.31	6.02*
20.0	20.1	29.34	11.47	22.33	3.24*
25.1	25.2	29.32	11.53	22.30	6.22*
30.1	30.2	29.44	11.46	22.41	6.06
35.1	35.2	29.54	11.38	22.50	7.05
40.3	40.4	29.58	11.35	22.54	9.42*
45.0	45.2	29.91	10.98	22.85	10.86
50.0	50.2	30.02	10.87	22.96	7.90
60.2	60.4	30.40	10.42	23.32	5.70*
70.1	70.4	30.60	10.24	23.51	10.83
80.0	80.4	31.58	9.38	24.41	19.68
90.0	90.5	31.87	9.11	24.68	+

MAX DEPTH 90.3

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 28 SAANICH INLET 1978

LAT N48 43.55

DATE 30/ 8/78

TIME (PST) 1431

TAPE CZ0/78/ 1- 94

LONG W123 15.55

PASS NO. 11

STN: 9

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.03	12.67	20.33	31.53
2.1	2.1	27.58	12.24	20.83	44.47
5.2	5.2	29.24	10.89	22.35	17.52
10.0	10.1	30.00	10.40	23.02	18.79
15.1	15.2	30.35	10.38	23.29	5.87
20.1	20.2	30.67	10.16	23.58	13.37
25.1	25.2	31.03	9.89	23.91	20.47
30.2	30.4	31.32	9.66	24.17	12.27*
35.1	35.3	31.46	9.52	24.29	7.65
40.2	40.4	31.53	9.46	24.36	9.84
45.1	45.4	31.57	9.42	24.40	8.75*
50.2	50.5	31.76	9.26	24.57	8.39
60.0	60.4	31.85	9.18	24.65	2.99*
70.1	70.5	31.88	9.16	24.68	4.13*
80.2	80.6	31.99	9.07	24.78	7.53*
90.0	90.5	32.02	9.03	24.81	8.27
100.0	100.6	32.17	8.87	24.95	4.57
110.1	110.7	32.33	8.71	25.10	4.18*
120.3	120.9	32.35	8.70	25.12	1.46*
130.0	130.8	32.35	8.70	25.12	1.73*
140.0	140.8	32.35	8.70	25.12	1.59*
150.0	150.9	32.35	8.70	25.11	+
160.2	161.1	32.35	8.70	25.12	.98*
170.1	171.1	32.36	8.70	25.12	.80*
180.2	181.2	32.35	8.70	25.12	+
190.1	191.2	32.35	8.70	25.12	+

MAX DEPTH 191.7

CRUISE NO. 29

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 29 SAANICH INLET 1978
 LAT N48 31.22
 DATE 14/ 9/78
 TIME (PS1) 0857

TAPE CZ0/78/ 1-109
 LONG W123 32.27
 PASS NO. 1

STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.61	13.43	21.41	46.12
2.2	2.2	29.23	13.60	21.84	21.09
5.3	5.3	29.28	13.34	21.93	11.18
10.2	10.2	29.41	12.73	22.15	10.18
15.1	15.2	29.47	12.05	22.32	12.64
20.3	20.3	29.53	11.41	22.48	7.91
25.0	25.1	29.59	11.01	22.60	5.63*
30.1	30.2	29.60	10.93	22.63	4.84
35.2	35.3	29.69	10.58	22.75	7.45
40.3	40.4	29.77	10.31	22.86	5.76
45.0	45.2	29.89	10.03	22.99	9.97*
50.0	50.2	29.98	9.88	23.09	8.93
60.3	60.5	30.34	9.45	23.43	13.17
70.2	70.4	30.44	9.35	23.53	8.15
80.1	80.5	30.76	9.12	23.81	10.48
90.0	90.4	30.91	9.08	23.94	4.04*
100.1	100.6	30.96	9.08	23.98	3.66*
110.2	110.7	31.00	9.05	24.01	2.69*
120.3	120.8	31.01	9.04	24.02	1.90*
130.1	130.6	31.02	9.04	24.03	3.66
140.2	140.8	31.07	9.01	24.07	3.73*
150.1	150.8	31.14	8.96	24.13	

MAX DEPTH 154.1

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 29 SAANICH INLET 1978

LAT N48 35.33

DATE 14/ 9/78

TIME (PST) 1011

TAPE CZ0/78/ 1-110

LONG W123 30.13

PASS NO. 3

STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.07	14.50	21.55	9.06
2.3	2.3	29.12	14.29	21.63	10.74
5.2	5.2	29.11	13.66	21.74	16.40
10.1	10.1	29.31	12.33	22.15	11.88
15.0	15.1	29.41	12.21	22.25	6.44
20.2	20.2	29.54	11.76	22.43	12.18*
25.0	25.1	29.60	11.27	22.56	9.78*
30.2	30.3	29.69	10.97	22.68	7.74
35.2	35.3	29.80	10.97	22.77	8.79
40.0	40.2	29.94	10.62	22.94	8.89*
45.3	45.4	29.98	10.45	23.00	8.72*
50.2	50.3	30.04	10.42	23.04	8.45*
60.3	60.5	30.35	10.19	23.32	7.16
70.1	70.4	30.59	9.58	23.61	7.39
80.1	80.5	30.84	9.33	23.84	9.29
90.2	90.6	30.96	9.34	23.94	4.14
100.2	100.6	31.02	9.39	23.97	3.36*
110.0	110.5	31.04	9.34	24.00	3.93*
120.3	120.8	31.09	9.26	24.05	4.02*
130.3	130.9	31.10	9.21	24.06	2.75*
140.2	140.9	31.12	9.10	24.10	3.07*
150.0	150.7	31.14	9.03	24.12	2.44*
160.0	160.8	31.15	8.99	24.13	1.86*
170.2	171.0	31.15	8.97	24.14	1.65*
180.0	180.9	31.16	8.97	24.15	1.58*
190.1	191.0	31.17	8.96	24.16	1.30*
200.2	201.1	31.17	8.97	24.16	

MAX DEPTH 209.8

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 29 SAANICH INLET 1978

LAT N48 39.26

DATE 14/ 9/78

TIME (PST) 1125

TAPE CZ0/78/ 1-111

LONG W123 30.13

PASS NO. 5

STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.82	12.96	21.66	4.27
2.1	2.1	28.90	12.60	21.79	9.41
5.1	5.1	29.12	12.40	21.99	12.96
10.1	10.1	29.23	12.26	22.10	9.86
15.0	15.1	29.37	12.12	22.24	7.01
20.2	20.3	29.46	11.96	22.33	8.03
25.1	25.2	29.60	11.70	22.49	7.61
30.1	30.2	29.69	11.44	22.60	6.78
35.1	35.3	29.78	11.23	22.71	6.99
40.3	40.5	29.88	10.97	22.83	8.66*
45.2	45.3	29.96	10.85	22.91	7.66*
50.1	50.3	30.02	10.72	22.98	8.98
60.3	60.6	30.42	10.29	23.36	9.97
70.0	70.3	30.66	9.95	23.61	8.45
80.2	80.5	30.84	9.55	23.81	6.55
90.2	90.6	30.98	9.46	23.93	4.81
100.3	100.8	31.03	9.41	23.98	4.05*
110.2	110.7	31.06	9.37	24.01	2.64*
120.3	120.9	31.09	9.32	24.04	2.74*
130.1	130.7	31.11	9.25	24.07	2.36*
140.1	140.8	31.12	9.21	24.08	3.34*
150.0	150.7	31.15	9.04	24.13	2.39*
160.1	160.8	31.15	9.02	24.13	1.53*
170.2	171.0	31.16	8.99	24.14	1.56*
180.1	180.9	31.16	8.98	24.15	1.29*

MAX DEPTH 186.1

CRUISE NO. 29 SAANICH INLET 1978

LAT N48 41.58

DATE 14/ 9/78

TIME (PST) 1224

TAPE CZ0/78/ 1-112

LONG W123 30.15

PASS NO. 7

STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.95	12.98	21.75	24.63
2.1	2.1	28.95	12.81	21.78	5.71*
5.1	5.2	29.21	11.90	22.15	15.74
10.3	10.4	29.43	11.63	22.37	6.84
15.1	15.1	29.45	11.55	22.40	6.92
20.3	20.3	29.54	11.55	22.47	6.05*
25.1	25.2	29.57	11.56	22.49	13.17
30.3	30.4	29.73	11.25	22.66	4.58*
35.2	35.3	29.73	11.24	22.67	5.38*
40.3	40.5	29.81	11.04	22.77	6.58*
45.1	45.2	29.84	11.02	22.79	7.80*
50.3	50.5	29.98	10.77	22.94	9.96
60.1	60.3	30.45	10.22	23.40	13.67

MAX DEPTH 66.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 29 SAANICH INLET 1978
 LAT N48 43.75
 DATE 14/ 9/78
 TIME (PST) 1244

TAPE CZ0/78/ 1-113
 LONG W123 32.46
 PASS NO. 9
 STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.15	12.02	22.08	3.03
2.1	2.1	29.22	11.89	22.16	12.24
5.3	5.3	29.38	11.62	22.34	7.31
10.2	10.3	29.45	11.57	22.40	9.21*
15.2	15.2	29.62	11.32	22.57	9.29
20.1	20.2	29.77	11.10	22.72	13.35
25.3	25.4	29.92	10.90	22.88	4.17
30.2	30.3	29.93	10.89	22.88	4.14*
35.1	35.2	29.97	10.82	22.92	5.31*
40.2	40.3	30.06	10.70	23.02	6.84*
45.2	45.3	30.12	10.63	23.08	7.66*
50.1	50.3	30.12	10.62	23.08	8.22*
60.3	60.5	30.28	10.45	23.23	6.49*
70.1	70.3	30.43	10.29	23.37	2.76*
80.1	80.4	30.50	10.23	23.44	3.53*
90.3	90.6	30.52	10.22	23.45	3.27*
100.2	100.6	30.57	10.17	23.50	4.87

MAX DEPTH 106.9

CRUISE NO. 29 SAANICH INLET 1978
 LAT N48 43.40
 DATE 14/ 9/78
 TIME (PST) 1342

TAPE CZ0/78/ 1-114
 LONG W123 25.07
 PASS NO. 11
 STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.44	11.53	22.39	+
2.1	2.1	29.44	11.49	22.40	1.23*
5.1	5.1	29.44	11.48	22.40	3.02
10.3	10.3	29.46	11.41	22.43	6.92
15.1	15.1	29.51	11.30	22.49	8.01*
20.3	20.3	29.64	11.17	22.61	7.13*
25.2	25.3	29.67	11.13	22.64	5.36*
30.0	30.1	29.70	11.08	22.67	5.19*
35.2	35.4	29.73	11.06	22.70	6.24*
40.1	40.2	29.81	10.96	22.78	7.28
45.0	45.2	29.90	10.84	22.87	5.07
50.3	50.5	29.98	10.77	22.94	5.87*
60.3	60.5	30.10	10.64	23.06	7.66*
70.1	70.3	30.18	10.56	23.13	+

MAX DEPTH 76.1

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 29 SAANICH INLET 1978

LAT N48 43.55

DATE 14/ 9/78

TIME (PST) 1420

TAPE CZ0/78/ 1-115

LONG W123 15.55

PASS NO. 13

STN: 9

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.46	11.06	22.49	30.75
2.2	2.2	29.78	10.75	22.79	15.13
5.3	5.3	29.82	10.69	22.83	9.19
10.2	10.2	30.03	10.56	23.02	9.29
15.0	15.1	30.12	10.54	23.09	11.75
20.3	20.4	30.38	10.36	23.32	9.09
25.1	25.2	30.53	10.28	23.45	6.23
30.1	30.3	30.66	10.19	23.56	10.01
35.3	35.4	30.79	10.07	23.69	5.51
40.3	40.4	30.79	10.07	23.69	5.69*
45.0	45.2	30.87	10.00	23.76	6.07
50.1	50.3	30.97	9.92	23.85	6.97
60.2	60.5	31.30	9.65	24.15	14.05
70.1	70.5	31.67	9.33	24.49	6.69
80.2	80.7	31.85	9.19	24.65	3.57*
90.1	90.5	31.82	9.21	24.62	4.90*
100.2	100.7	31.85	9.19	24.65	+
110.2	110.8	31.94	9.12	24.73	3.10*
120.1	120.8	31.96	9.10	24.75	1.43*
130.3	130.9	31.97	9.10	24.76	1.06*
140.3	141.1	31.97	9.10	24.76	+
150.1	150.9	31.96	9.10	24.75	+

MAX DEPTH 154.2

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 29 SAANICH INLET 1978

LAT N48 33.48

DATE 15/ 9/78

TIME (PST) 1119

TAPE CZ0/78/ 1-116

LONG W123 30.76

PASS NO. 15

STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.25	13.42	21.90	12.55
2.1	2.1	29.25	13.38	21.91	3.81*
5.1	5.1	29.24	13.22	21.93	9.71
10.1	10.1	29.41	12.38	22.22	6.88
15.1	15.2	29.53	12.06	22.37	11.35
20.2	20.3	29.58	11.44	22.52	7.35
25.0	25.1	29.70	11.01	22.68	7.25
30.2	30.3	29.75	10.75	22.76	6.14*
35.2	35.3	29.77	10.71	22.79	6.26*
40.1	40.2	29.80	10.63	22.83	6.66*
45.2	45.3	29.88	10.38	22.93	5.80
50.1	50.3	29.99	10.42	23.01	5.91
60.1	60.4	30.15	9.96	23.21	9.13
70.2	70.4	30.39	9.76	23.43	8.69
80.1	80.4	30.69	9.75	23.66	7.73*
90.0	90.4	30.80	9.31	23.81	7.88
100.1	100.6	30.95	9.22	23.95	4.75
110.0	110.5	31.01	9.24	23.99	3.29*
120.0	120.6	31.04	9.21	24.02	5.23
130.2	130.8	31.09	9.10	24.08	3.28*
140.0	140.7	31.11	9.03	24.10	2.71*
150.2	150.9	31.13	9.00	24.12	2.33*
160.2	160.9	31.15	8.97	24.14	1.95*
170.1	170.9	31.16	8.96	24.15	1.37*
180.0	180.8	31.16	8.96	24.15	1.23*
190.2	191.1	31.17	8.96	24.16	.95*
200.0	200.9	31.17	8.96	24.16	
210.1	211.1	31.18	8.96	24.16	

MAX DEPTH 211.3

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 29 SAANICH INLET 1978

LAT 48 37.30

DATE 15/ 9/78

TIME (PST) 1248

TAPE CZ0/78/ 1-117

LONG W123 29.90

PASS NO. 17

STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.09	14.44	21.58	8.48
2.3	2.3	29.10	14.08	21.65	16.20
5.0	5.0	29.17	12.83	21.95	13.97
10.3	10.3	29.37	12.25	22.21	10.55*
15.1	15.1	29.42	12.20	22.26	8.01
20.1	20.2	29.54	11.94	22.40	8.73
25.1	25.1	29.61	11.71	22.49	7.13
30.1	30.2	29.74	11.37	22.65	10.45
35.3	35.4	29.84	11.15	22.77	8.94
40.2	40.3	29.90	11.01	22.84	7.47
45.3	45.5	29.93	10.90	22.88	5.38
50.2	50.4	29.99	10.62	22.97	7.24*
60.1	60.3	30.23	10.37	23.20	10.99
70.1	70.3	30.49	9.81	23.50	6.37
80.1	80.5	30.82	9.72	23.77	8.32*
90.2	90.6	30.96	9.37	23.93	3.87*
100.2	100.7	31.00	9.39	23.96	3.54*
110.2	110.7	31.04	9.37	23.99	2.55*
120.2	120.8	31.06	9.33	24.02	2.92*
130.2	130.8	31.08	9.25	24.04	2.97*
140.1	140.7	31.12	9.22	24.08	2.86*
150.3	151.0	31.13	9.05	24.11	2.98*
160.1	160.8	31.15	9.03	24.13	2.62*
170.2	171.0	31.15	8.98	24.14	1.69*
180.1	181.0	31.16	8.98	24.15	1.29*
190.3	191.2	31.17	8.97	24.16	1.33*
200.2	201.1	31.18	8.97	24.16	1.31*
210.0	211.0	31.18	8.97	24.16	

MAX DEPTH 212.9

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 29 SAANICH INLET 1978

LAT N48 39.26

DATE 15/ 9/78

TIME (PST) 1403

TAPE CZ0/78/ 1-118

LONG W123 30.13

PASS NO. 19

STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.06	15.33	21.36	29.87
2.0	2.0	29.12	14.29	21.63	18.83
5.1	5.1	29.05	13.29	21.77	15.25
10.1	10.2	29.29	12.33	22.13	8.99
15.0	15.1	29.41	12.03	22.28	8.18
20.3	20.3	29.51	11.90	22.38	8.26
25.2	25.3	29.66	11.57	22.56	8.58
30.2	30.3	29.72	11.39	22.64	7.90
35.1	35.3	29.80	11.22	22.73	9.86*
40.2	40.3	29.92	10.88	22.87	7.63
45.3	45.4	30.03	10.65	23.00	8.33
50.2	50.3	30.10	10.53	23.07	6.03*
60.0	60.3	30.27	10.45	23.22	12.43
70.1	70.4	30.60	10.12	23.53	7.19
80.1	80.5	30.82	9.54	23.80	9.17*
90.2	90.6	30.93	9.42	23.90	5.27*
100.3	100.8	31.03	9.43	23.97	4.44
110.2	110.7	31.06	9.38	24.01	2.93*
120.2	120.8	31.09	9.33	24.03	3.35
130.3	130.9	31.11	9.25	24.07	3.77*
140.0	140.7	31.13	9.17	24.09	2.09*
150.0	150.7	31.14	9.07	24.12	2.18*
160.1	160.8	31.14	9.05	24.12	2.23*
170.3	171.1	31.16	8.99	24.14	1.96*
180.3	181.1	31.17	8.98	24.15	+

MAX DEPTH 186.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 29 SAANICH INLET 1978
 LAT N48 41.58
 DATE 15/ 9/78
 TIME (PST) 1444

TAPE CZ0/78/ 1-119
 LONG W123 30.15
 PASS NO. 21
 STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.32	13.50	21.55	+
2.0	2.0	28.88	13.48	21.61	16.27
5.0	5.0	29.08	12.70	21.90	21.19*
10.1	10.1	29.26	11.90	22.19	12.21
15.2	15.2	29.41	11.90	22.31	9.71
20.5	20.5	29.45	11.79	22.35	5.52*
25.2	25.3	29.47	11.68	22.39	5.67*
30.1	30.2	29.52	11.58	22.44	7.24*
35.3	35.4	29.66	11.32	22.60	5.57
40.1	40.3	29.73	11.19	22.68	5.18
45.2	45.4	29.90	10.94	22.85	15.02
50.1	50.3	30.08	10.67	23.03	10.89
60.2	60.4	30.56	9.95	23.53	10.56*
70.0	70.3	30.67	9.80	23.64	4.24
80.1	80.4	30.78	9.60	23.75	7.99*
90.0	90.4	31.00	9.41	23.95	+

MAX DEPTH 90.0

CRUISE NO. 30

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 30 SAANICH INLET 1978

LAT N48 31.22

DATE 2/10/78

TIME (PST) 1027

TAPE CZ0/78/ 1- 95

LONG W123 32.27

PASS NO. 1

STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.92	12.92	21.74	16.04
2.1	2.1	29.00	12.82	21.82	11.18
5.1	5.1	29.12	12.66	21.94	10.26
10.1	10.1	29.32	12.40	22.14	13.19
15.1	15.1	29.40	12.26	22.24	10.63
20.1	20.1	29.48	11.88	22.37	10.41
25.3	25.4	29.57	11.39	22.52	7.85
30.2	30.3	29.63	11.09	22.61	7.51*
35.1	35.2	29.67	10.81	22.69	7.13*
40.3	40.4	29.72	10.65	22.76	6.73*
45.2	45.4	29.81	10.42	22.87	6.77
50.1	50.3	29.91	10.20	22.99	8.09
60.0	60.2	30.14	9.84	23.22	8.66
70.3	70.6	30.47	9.42	23.54	9.38
80.1	80.4	30.72	9.21	23.77	7.39
90.0	90.4	30.88	9.12	23.91	4.17*
100.1	100.5	30.93	9.11	23.95	3.62*
110.1	110.6	30.99	9.08	23.99	3.16*
120.1	120.7	31.01	9.08	24.02	2.41*
130.2	130.8	31.03	9.06	24.03	2.84*
140.3	140.9	31.07	9.03	24.07	3.59*
150.2	150.9	31.11	8.99	24.11	3.13*
160.3	161.1	31.15	8.97	24.14	2.17*
170.1	170.9	31.16	8.96	24.15	

MAX DEPTH 170.6

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 30 SAANICH INLET 1978

LAT N48 33.48

DATE 2/10/78

TIME (PST) 1133

TAPE CZ0/78/ 1- 96

LONG W123 30.76

PASS NO. 3

STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.88	13.10	21.68	14.31
2.1	2.1	28.90	12.70	21.77	9.03
5.2	5.2	29.00	12.23	21.93	15.63
10.0	10.0	29.19	11.88	22.14	10.55
15.1	15.1	29.35	11.89	22.26	8.35*
20.1	20.2	29.44	11.86	22.34	7.80
25.2	25.2	29.54	11.64	22.45	8.48
30.1	30.2	29.57	11.40	22.52	8.40*
35.2	35.4	29.69	11.18	22.65	6.78
40.1	40.2	29.73	11.00	22.71	7.06
45.3	45.5	29.86	10.62	22.87	8.25
50.2	50.4	29.98	10.33	23.02	6.38
60.2	60.5	30.27	10.14	23.27	5.59
70.2	70.5	30.56	9.84	23.54	8.78
80.1	80.4	30.75	9.50	23.74	8.70*
90.1	90.5	30.90	9.28	23.90	4.53*
100.3	100.7	30.96	9.27	23.95	3.88*
110.3	110.8	31.02	9.24	24.00	3.73*
120.2	120.8	31.06	9.18	24.04	3.24*
130.1	130.7	31.07	9.21	24.04	3.16*
140.1	140.8	31.09	9.07	24.08	2.88*
150.2	150.9	31.11	9.02	24.10	2.13*
160.2	160.9	31.13	8.99	24.12	2.90*
170.2	171.0	31.15	8.97	24.14	2.01*
180.1	181.0	31.16	8.96	24.15	1.22*
190.2	191.1	31.16	8.96	24.15	1.43*
200.1	201.0	31.17	8.96	24.16	.35*
210.1	211.1	31.17	8.96	24.16	

MAX DEPTH 213.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 30 SAANICH INLET 1978
 LAT N48 35.33
 DATE 2/10/78
 TIME (PST) 1258

TAPE CZ0/78/ 1- 97
 LONG W123 30.13
 PASS NO. 5
 STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.58	13.36	21.39	16.33
2.0	2.0	28.58	13.31	21.41	5.85*
5.1	5.1	28.84	12.81	21.70	14.88
10.1	10.1	29.05	11.74	22.05	13.43
15.2	15.2	29.31	11.80	22.25	10.15*
20.1	20.2	29.42	11.63	22.37	8.03
25.0	25.1	29.57	11.53	22.49	8.14
30.0	30.1	29.63	11.35	22.58	5.94
35.2	35.3	29.69	11.14	22.65	8.55
40.1	40.3	29.77	10.76	22.79	8.42
45.1	45.3	29.87	10.61	22.88	10.95
50.2	50.3	30.03	10.44	23.03	8.59
60.1	60.4	30.34	10.02	23.34	8.64
70.1	70.4	30.66	9.74	23.64	7.34
80.2	80.6	30.87	9.45	23.85	7.43*
90.1	90.5	30.95	9.35	23.93	5.60*
100.0	100.5	31.01	9.32	23.97	4.16
110.1	110.6	31.05	9.30	24.01	3.07*
120.1	120.7	31.07	9.28	24.03	2.60*
130.1	130.7	31.09	9.22	24.06	3.09*
140.1	140.8	31.12	9.15	24.09	2.71*
150.1	150.8	31.12	9.05	24.11	2.83*
160.2	160.9	31.14	9.02	24.12	2.12*
170.1	170.8	31.15	8.99	24.14	1.75*
180.3	181.1	31.15	8.97	24.14	1.60*
190.2	191.1	31.16	8.96	24.15	1.74*
200.1	201.1	31.17	8.97	24.15	1.08*
210.2	211.1	31.17	8.96	24.16	
220.2	221.3	31.18	8.96	24.16	+

MAX DEPTH 224.8

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 30 SAANICH INLET 1978

LAT N48 37.30

DATE 2/10/78

TIME (PST) 1419

TAPE CZ0/78/ 1- 98

LONG W123 29.90

PASS NO. 7

STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.42	13.09	21.32	13.30
2.2	2.2	28.52	13.10	21.39	13.14
5.2	5.2	28.74	12.28	21.72	28.99
10.1	10.2	29.09	11.66	22.10	8.78
15.2	15.2	29.20	11.67	22.18	11.01
20.0	20.1	29.36	11.48	22.34	8.92
25.1	25.2	29.44	11.51	22.39	9.23
30.2	30.3	29.57	11.45	22.51	6.20
35.2	35.3	29.66	11.29	22.61	8.10
40.1	40.2	29.71	10.97	22.70	8.69
45.3	45.4	29.80	10.83	22.79	9.51
50.2	50.3	29.88	10.59	22.89	8.37
60.0	60.2	30.25	10.24	23.24	9.47
70.1	70.4	30.58	9.70	23.58	11.97
80.2	80.5	30.81	9.48	23.80	7.05
90.2	90.6	30.97	9.51	23.91	4.47*
100.1	100.6	31.01	9.39	23.97	3.40*
110.2	110.7	31.04	9.37	23.99	2.66*
120.1	120.6	31.06	9.35	24.01	2.54*
130.0	130.6	31.08	9.30	24.04	2.75*
140.3	140.9	31.10	9.20	24.07	3.17*
150.1	150.8	31.13	9.12	24.10	2.84*
160.2	160.9	31.13	9.04	24.12	2.39*
170.2	171.0	31.14	9.01	24.13	1.98*
180.1	180.9	31.15	8.99	24.14	1.76*
190.2	191.1	31.16	8.98	24.15	1.72*
200.0	201.0	31.16	8.97	24.15	
210.2	211.1	31.17	8.97	24.15	+

MAX DEPTH 214.3

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 30 SAANICH INLET 1978

LAT N48 39.26

DATE 2/10/78

TIME (PST) 1537

TAPE CZO/78/ 1- 99

LONG W123 30.13

PASS NO. 9

STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.83	12.26	21.79	14.61*
2.1	2.1	28.86	12.45	21.78	14.98*
5.2	5.2	28.49	12.52	21.48	15.54*
10.2	10.2	29.13	11.86	22.10	12.68
15.2	15.3	29.22	11.81	22.17	6.37
20.1	20.2	29.34	11.54	22.32	8.07
25.0	25.1	29.49	11.35	22.46	10.09
30.2	30.3	29.60	11.23	22.57	10.25
35.1	35.2	29.67	11.06	22.66	6.08
40.0	40.2	29.74	10.95	22.73	5.57*
45.1	45.2	29.82	10.85	22.80	9.43*
50.3	50.5	29.99	10.53	22.99	10.24
60.3	60.5	30.25	10.27	23.23	11.59
70.0	70.3	30.65	10.00	23.59	10.90
80.2	80.6	30.85	9.73	23.79	5.77
90.2	90.6	30.99	9.43	23.94	5.03
100.3	100.7	31.03	9.40	23.98	3.16*
110.2	110.7	31.06	9.37	24.01	2.40*
120.2	120.7	31.09	9.39	24.03	2.25*
130.0	130.6	31.11	9.30	24.06	2.83*
140.2	140.9	31.12	9.17	24.09	2.95*
150.1	150.8	31.13	9.07	24.11	2.60*
160.2	160.9	31.14	9.02	24.13	2.15*
170.1	170.9	31.15	9.00	24.14	1.50*
180.2	181.0	31.15	8.99	24.14	1.76*

MAX DEPTH 184.3

CRUISE NO. 30 SAANICH INLET 1978

LAT N48 41.58

DATE 2/10/78

TIME (PST) 1639

TAPE CZO/78/ 1-100

LONG W123 30.15

PASS NO. 11

STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.27	13.02	21.22	14.90*
2.0	2.0	28.52	12.59	21.49	15.17*
5.1	5.1	28.93	11.86	21.94	15.57*
10.2	10.2	29.21	11.49	22.23	10.68
15.2	15.2	29.28	11.40	22.30	10.64
20.1	20.1	29.37	11.32	22.37	5.87*
25.1	25.2	29.41	11.27	22.42	4.69
30.2	30.3	29.43	11.25	22.43	5.82
35.1	35.2	29.52	11.13	22.53	10.60*
40.0	40.1	29.56	11.05	22.57	8.00*
45.0	45.2	29.72	10.80	22.73	6.59*
50.1	50.2	29.74	10.78	22.75	6.22
60.1	60.3	30.47	10.09	23.44	15.61
70.1	70.4	30.91	9.73	23.84	

MAX DEPTH 70.2

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 30 SAANICH INLET 1978

LAT N48 37.30

DATE 3/10/78

TIME (PST) 0754

TAPE CZ0/78/ 1-101

LONG W123 29.90

PASS NO. 1

STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	R-V
.0	.0	28.45	13.09	21.35	19.24*
2.2	2.2	28.76	12.70	21.66	18.23*
5.1	5.1	28.78	12.74	21.66	16.72*
10.0	10.0	29.23	11.98	22.15	12.11
15.0	15.1	29.27	11.61	22.25	9.04
20.1	20.1	29.38	11.38	22.37	6.66
25.1	25.1	29.47	11.32	22.46	6.34
30.0	30.1	29.63	11.39	22.57	6.32
35.3	35.4	29.68	11.28	22.62	5.51
40.3	40.4	29.66	11.12	22.64	8.00*
45.2	45.3	29.81	10.83	22.80	7.02
50.0	50.2	29.88	10.67	22.88	9.26
60.2	60.5	30.29	10.09	23.30	10.91
70.2	70.5	30.63	9.92	23.59	9.52
80.1	80.5	30.89	9.67	23.83	9.48
90.2	90.6	30.99	9.42	23.95	4.62*
100.1	100.5	31.02	9.34	23.98	3.02*
110.1	110.6	31.06	9.31	24.02	3.80*
120.0	120.6	31.10	9.30	24.05	2.76*
130.1	130.7	31.11	9.22	24.07	3.00
140.1	140.7	31.13	9.12	24.10	3.56*
150.1	150.8	31.14	9.07	24.12	2.49*
160.3	161.0	31.15	9.00	24.13	2.10*
170.2	171.0	31.16	8.99	24.14	1.48*
180.0	180.9	31.16	8.98	24.15	1.34*
190.1	191.0	31.17	8.97	24.15	1.19*
200.1	201.1	31.17	8.97	24.16	

MAX DEPTH 205.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 30 SAANICH INLET 1978
 LAT N48 39.26
 DATE 3/10/78
 TIME (PST) 0823

TAPE CZ0/78/ 1-102
 LONG W123 30.13
 PASS NO. 3
 STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.29	12.53	21.33	30.98*
2.0	2.0	29.02	11.94	21.99	24.58*
5.0	5.0	29.05	11.83	22.04	14.98*
10.0	10.0	29.13	11.66	22.14	9.60
15.3	15.3	29.26	11.56	22.25	11.51
20.0	20.1	29.39	11.48	22.37	9.99*
25.2	25.3	29.58	11.34	22.54	7.63
30.1	30.2	29.59	11.18	22.57	6.46
35.0	35.1	29.70	11.08	22.68	5.38
40.0	40.1	29.74	10.98	22.72	6.60*
45.0	45.2	29.83	10.82	22.82	8.05
50.0	50.2	29.95	10.59	22.95	9.35
60.1	60.3	30.23	10.25	23.22	9.95
70.2	70.5	30.60	10.04	23.55	9.49*
80.2	80.6	30.87	9.62	23.82	6.94
90.2	90.6	30.94	9.48	23.90	4.88*
100.1	100.6	31.02	9.46	23.96	4.22
110.2	110.7	31.09	9.49	24.01	4.22
120.2	120.7	31.08	9.34	24.03	2.77*
130.3	130.9	31.09	9.30	24.04	2.90*
140.1	140.7	31.14	9.33	24.08	3.24*
150.0	150.7	31.13	9.12	24.10	2.60*
160.2	160.9	31.14	9.05	24.12	2.67*
170.1	170.9	31.15	9.01	24.14	1.98*
180.0	180.8	31.15	8.99	24.14	+

MAX DEPTH 180.1

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 30 SAANICH INLET 1978

LAT N48 41.58

DATE 3/10/78

TIME (PST) 0856

TAPE CZ0/78/ 1-103

LONG W123 30.15

PASS NO. 5

STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	27.27	12.05	20.63	19.11
2.1	2.1	27.95	12.51	21.07	33.84
5.1	5.1	29.01	11.86	22.01	15.95
10.1	10.1	29.17	11.53	22.19	9.75
15.2	15.3	29.30	11.39	22.31	4.30
20.3	20.3	29.39	11.30	22.39	8.41*
25.0	25.1	29.52	11.18	22.51	7.74*
30.0	30.1	29.54	11.16	22.54	7.96*
35.2	35.4	29.67	10.90	22.68	8.37
40.2	40.3	29.75	10.81	22.76	9.49*
45.3	45.4	30.01	10.50	23.01	12.53*
50.0	50.2	30.15	10.38	23.14	11.95
60.2	60.5	30.34	10.21	23.32	10.54
70.0	70.3	30.87	9.74	23.80	+

MAX DEPTH 70.7

CRUISE NO. 30 SAANICH INLET 1978

LAT N48 43.75

DATE 3/10/78

TIME (PST) 0923

TAPE CZ0/78/ 1-104

LONG W123 32.46

PASS NO. 7

STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.50	11.34	22.47	10.28
2.1	2.1	29.34	11.33	22.35	1.18
5.1	5.2	29.34	11.32	22.35	8.59
10.2	10.2	29.36	11.30	22.37	+
15.0	15.1	29.40	11.26	22.41	6.34*
20.2	20.2	29.54	11.12	22.54	7.34*
25.0	25.1	29.57	11.10	22.57	5.72*
30.2	30.3	29.57	11.09	22.57	+
35.2	35.3	29.57	11.10	22.57	2.48*
40.1	40.2	29.56	11.10	22.56	3.03
45.2	45.3	29.59	11.08	22.59	13.57
50.0	50.2	29.93	10.70	22.92	9.34
60.2	60.4	30.11	10.44	23.09	8.65
70.0	70.3	30.34	10.24	23.31	8.23
80.1	80.4	30.58	10.01	23.54	4.45*
90.0	90.4	30.66	9.95	23.61	4.91
100.0	100.4	30.77	9.87	23.70	5.80
110.1	110.6	30.85	9.82	23.78	

MAX DEPTH 111.7

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 30 SAANICH INLET 1978

LAT N48 43.40

DATE 3/10/78

TIME (PST) 1028

TAPE CZ0/78/ 1-105

LONG W123 25.07

PASS NO. 9

STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.93	12.19	21.88	28.05
2.1	2.1	29.08	11.67	22.09	13.21
5.1	5.1	29.16	11.48	22.18	16.76
10.1	10.2	29.33	11.12	22.38	11.09
15.2	15.2	29.42	10.97	22.47	4.75
20.2	20.3	29.43	10.94	22.48	5.49*
25.0	25.1	29.49	10.85	22.55	9.25
30.1	30.2	29.63	10.72	22.68	11.23
35.1	35.3	29.88	10.48	22.91	12.35*
40.1	40.2	30.08	10.29	23.10	10.43
45.0	45.2	30.24	10.17	23.24	9.93
50.2	50.4	30.39	10.07	23.37	8.14
60.2	60.4	30.48	10.00	23.46	4.01*
70.1	70.4	30.54	9.96	23.51	8.89*
80.3	80.6	30.93	9.68	23.86	+

MAX DEPTH 87.0

CRUISE NO. 30 SAANICH INLET 1978

LAT N48 43.55

DATE 3/10/78

TIME (PST) 1132

TAPE CZ0/78/ 1-106

LONG W123 15.55

PASS NO. 11

STN: 9

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.39	10.64	22.50	7.88
2.2	2.2	29.45	10.56	22.56	9.20
5.1	5.2	29.53	10.50	22.63	10.15
10.1	10.1	29.68	10.43	22.76	7.58*
15.2	15.2	29.67	10.43	22.76	2.25*
20.0	20.1	29.73	10.40	22.81	3.73*
25.0	25.1	29.78	10.38	22.85	5.24*
30.1	30.2	29.79	10.37	22.86	5.90
35.1	35.2	29.83	10.35	22.89	3.46*
40.1	40.2	29.83	10.35	22.89	2.41*
45.2	45.4	29.83	10.34	22.90	4.81*
50.0	50.2	29.86	10.33	22.92	7.10
60.1	60.4	30.23	10.11	23.25	5.88*
70.0	70.3	30.27	10.08	23.28	4.90
80.2	80.5	30.37	10.03	23.37	5.58*
90.0	90.4	30.45	10.01	23.43	6.24
100.2	100.6	30.57	9.93	23.53	3.76
110.1	110.6	30.81	9.81	23.74	5.81
120.0	120.5	30.81	9.81	23.74	7.48
130.0	130.7	31.47	9.32	24.33	12.77
140.0	140.7	31.54	9.28	24.40	+
150.0	150.8	31.61	9.22	24.46	+

MAX DEPTH 150.4

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 30 SAANICH INLET 1978

LAT N48 37.30

DATE 4/10/78

TIME (PST) 0827

TAPE CZ0/78/ 1-107

LONG W123 29.90

PASS NO. 1

STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.09	12.65	21.15	31.38
2.0	2.0	28.12	12.65	21.17	7.88*
5.0	5.0	28.93	12.17	21.89	19.98
10.1	10.1	29.18	11.64	22.17	8.59
15.2	15.2	29.26	11.58	22.25	7.95*
20.0	20.1	29.32	11.44	22.32	7.29
25.1	25.2	29.42	11.34	22.41	8.26
30.2	30.3	29.51	11.23	22.50	7.05*
35.2	35.4	29.64	11.25	22.60	7.78
40.2	40.3	29.73	11.08	22.70	8.66*
45.1	45.2	29.82	10.85	22.80	7.25*
50.1	50.2	29.88	10.70	22.88	7.94
60.0	60.3	30.19	10.33	23.18	10.67
70.1	70.3	30.59	9.80	23.58	11.99
80.0	80.4	30.86	9.76	23.79	6.93
90.2	90.6	30.99	9.53	23.93	4.13
100.2	100.7	31.03	9.38	23.99	3.64*
110.1	110.6	31.06	9.36	24.01	3.06*
120.2	120.7	31.11	9.35	24.05	1.54*
130.1	130.7	31.10	9.26	24.06	2.88*
140.2	140.9	31.13	9.17	24.09	2.92*
150.2	150.9	31.14	9.07	24.11	2.41*
160.1	160.9	31.14	9.03	24.12	2.10*
170.0	170.8	31.15	9.01	24.13	1.93*
180.1	181.0	31.16	8.99	24.14	+

MAX DEPTH 185.0

CRUISE NO. 30 SAANICH INLET 1978

LAT N48 43.40

DATE 4/10/78

TIME (PST) 1109

TAPE CZ0/78/ 1-108

LONG W123 25.07

PASS NO. 3

STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.97	11.89	21.97	7.67
2.1	2.1	29.20	11.41	22.23	9.46
5.1	5.1	29.32	11.06	22.38	14.20
10.2	10.2	29.39	11.04	22.44	5.63*
15.1	15.2	29.46	10.86	22.52	7.60
20.1	20.2	29.57	10.74	22.63	9.97
25.0	25.1	29.70	10.60	22.76	8.84
30.2	30.3	29.87	10.45	22.91	4.46
35.0	35.1	29.98	10.38	23.01	6.65
40.2	40.4	30.09	10.27	23.11	6.52*
45.2	45.4	30.14	10.24	23.16	6.29*
50.2	50.4	30.21	10.17	23.22	5.93*
60.1	60.4	30.29	10.12	23.29	6.73*
70.2	70.5	30.50	9.98	23.47	9.46
80.1	80.5	30.69	9.84	23.65	4.75*

MAX DEPTH 87.7

CRUISE NO. 31

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 31 SAANICH INLET 1978

LAT N48 31.22

DATE 25/10/78

TIME (PST) 0726

TAPE CZ0/78/ 1-120

LONG W123 32.27

PASS NO. 1

STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-v
.0	.0	28.90	11.99	21.90	6.85*
2.1	2.1	28.91	11.99	21.90	5.49*
5.0	5.0	28.91	12.04	21.90	3.44*
10.1	10.1	28.92	12.04	21.90	7.04
15.2	15.2	29.18	12.23	22.07	10.69
20.1	20.2	29.31	12.05	22.20	7.01
25.1	25.2	29.37	11.90	22.27	6.87
30.2	30.3	29.45	11.75	22.36	8.54
35.1	35.2	29.53	11.50	22.47	8.73
40.1	40.2	29.63	11.17	22.60	7.41
45.1	45.3	29.70	10.93	22.70	8.77*
50.2	50.4	29.81	10.61	22.84	11.48
60.0	60.3	30.39	9.68	23.44	12.03
70.2	70.5	30.71	9.35	23.74	8.44
80.1	80.5	30.84	9.25	23.86	5.40*
90.1	90.5	30.91	9.19	23.92	3.98*
100.2	100.7	30.94	9.16	23.95	2.71*
110.1	110.6	30.96	9.14	23.97	2.86*
120.2	120.7	30.98	9.13	23.98	2.75*
130.1	130.6	31.02	9.10	24.02	2.96*
140.1	140.8	31.04	9.07	24.04	

MAX DEPTH 149.8

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 31 SAANICH INLET 1976

LAT N48 33.48

DATE 25/10/78

TIME (PST) 0847

TAPE CZO/78/ 1-121

LONG W123 30.76

PASS NO. 3

STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.04	11.78	22.04	+
2.2	2.2	28.95	11.79	21.97	1.28
5.1	5.1	28.94	11.81	21.96	+
10.1	10.2	28.95	11.67	21.99	+
15.0	15.1	29.14	11.51	22.17	10.21
20.2	20.3	29.31	11.58	22.28	6.15
25.0	25.1	29.42	11.62	22.36	6.48
30.1	30.2	29.51	11.53	22.45	9.57
35.1	35.2	29.60	11.32	22.56	8.09
40.1	40.2	29.74	10.88	22.74	11.72
45.0	45.2	29.82	10.70	22.83	7.97
50.1	50.3	29.97	10.43	22.99	9.42
60.1	60.3	30.40	9.94	23.41	8.73
70.0	70.3	30.65	9.76	23.63	8.82
80.1	80.5	30.81	9.54	23.79	6.02
90.1	90.5	30.90	9.39	23.88	4.77
100.0	100.5	30.96	9.30	23.94	4.69
110.1	110.6	31.02	9.28	23.99	3.16*
120.0	120.6	31.06	9.23	24.03	3.78*
130.1	130.7	31.08	9.24	24.05	2.75*
140.1	140.8	31.09	9.15	24.07	2.42*
150.2	150.9	31.10	9.11	24.08	2.03*
160.1	160.8	31.13	9.02	24.11	2.91*
170.2	171.0	31.14	8.99	24.13	1.33*
180.0	180.9	31.15	8.99	24.14	1.15*
190.2	191.1	31.16	8.98	24.14	1.17*
200.1	201.1	31.16	8.98	24.15	
210.1	211.1	31.17	8.97	24.15	

MAX DEPTH 210.7

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 31 SAANICH INLET 1978

LAT N48 35.33

DATE 25/10/78

TIME (PST) 0942

TAPE CZO/78/ 1-122

LONG W123 30.13

PASS NO. 5

STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.93	11.50	22.01	33.33*
2.2	2.2	28.94	11.51	22.01	24.57*
5.1	5.1	28.93	11.50	22.01	11.44*
10.1	10.1	28.93	11.50	22.01	3.96
15.0	15.0	28.88	11.15	22.03	4.65
20.1	20.2	29.18	11.47	22.20	12.06
25.1	25.2	29.33	11.44	22.33	6.00
30.2	30.3	29.49	11.43	22.45	6.52
35.3	35.4	29.61	11.30	22.57	12.07
40.2	40.3	29.72	11.02	22.70	8.55
45.1	45.2	29.84	10.71	22.84	11.37
50.3	50.5	29.98	10.42	23.00	9.50
60.4	60.6	30.32	10.08	23.32	8.75
70.2	70.5	30.65	9.77	23.63	7.36
80.1	80.4	30.79	9.64	23.75	6.98
90.3	90.7	30.92	9.50	23.88	6.11*
100.2	100.6	30.97	9.30	23.95	4.20*
110.1	110.6	31.02	9.25	23.99	3.57*
120.1	120.6	31.07	9.29	24.03	2.60*
130.1	130.7	31.08	9.26	24.04	2.75*
140.3	140.9	31.11	9.20	24.07	2.58*
150.3	150.9	31.11	9.10	24.09	2.43*
160.0	160.8	31.13	9.05	24.11	2.25*
170.3	171.1	31.14	9.03	24.13	2.09*
180.2	181.0	31.15	9.00	24.14	1.73*
190.2	191.1	31.16	8.99	24.14	1.28*
200.2	201.1	31.16	8.98	24.14	1.06*
210.2	211.2	31.16	8.98	24.15	1.27*
220.0	221.1	31.17	8.98	24.15	

MAX DEPTH 220.8

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 31 SAANICH INLET 1978
 LAT N48 37.30
 DATE 25/10/78
 TIME (PST) 1057

TAPE CZ0/78/ 1-123
 LONG W123 29.90
 PASS NO. 7
 STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.82	10.85	22.03	3.63
2.0	2.0	28.88	10.95	22.06	6.04
5.1	5.2	28.92	11.02	22.08	6.41*
10.1	10.1	28.91	11.03	22.07	3.01*
15.2	15.2	28.94	11.15	22.08	7.00*
20.1	20.1	29.24	11.31	22.27	9.05
25.0	25.1	29.38	11.35	22.37	6.41
30.1	30.2	29.48	11.40	22.44	6.81
35.1	35.2	29.57	11.36	22.52	11.62
40.2	40.4	29.72	11.03	22.69	9.04
45.1	45.2	29.80	10.82	22.80	6.02
50.2	50.4	29.90	10.63	22.91	7.08
60.2	60.4	30.21	10.14	23.22	10.59*
70.1	70.4	30.58	9.87	23.55	8.97
80.2	80.5	30.84	9.63	23.80	5.43
90.2	90.6	30.98	9.49	23.93	5.84
100.2	100.7	31.03	9.40	23.98	3.54*
110.0	110.5	31.06	9.37	24.01	2.92*
120.2	120.7	31.08	9.33	24.03	3.00*
130.2	130.8	31.10	9.25	24.06	2.63*
140.2	140.8	31.11	9.15	24.08	2.86*
150.2	150.9	31.13	9.10	24.11	2.25*
160.2	161.0	31.14	9.05	24.12	2.05*
170.1	170.9	31.14	9.02	24.13	1.70*
180.2	181.1	31.15	9.00	24.14	1.50*
190.1	191.0	31.16	8.99	24.14	1.31*
200.1	201.1	31.16	8.98	24.15	1.06*
210.0	211.0	31.16	8.98	24.15	+

MAX DEPTH 210.0

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 31 SAANICH INLET 1978

LAT N48 39.26

DATE 25/10/78

TIME (PST) 1209

TAPE CZ0/78/ 1-124

LONG W123 30.13

PASS NO. 9

STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.99	11.40	22.07	10.38
2.0	2.0	28.97	11.18	22.10	10.45
5.3	5.3	28.94	10.99	22.10	9.31*
10.1	10.1	28.97	10.72	22.17	6.67
15.3	15.4	29.16	11.08	22.26	8.93
20.1	20.2	29.27	11.17	22.33	6.46*
25.3	25.4	29.33	11.18	22.37	4.87
30.1	30.2	29.39	11.21	22.41	10.13
35.2	35.4	29.55	11.17	22.54	16.73
40.2	40.3	29.71	11.05	22.69	10.27
45.2	45.3	29.81	10.80	22.81	6.43
50.1	50.3	29.94	10.57	22.95	8.15
60.1	60.3	30.10	10.35	23.10	10.11
70.3	70.6	30.50	9.84	23.50	5.59
80.3	80.6	30.78	9.72	23.74	8.74
90.0	90.4	30.96	9.54	23.90	5.63
100.3	100.7	31.03	9.43	23.97	5.05
110.2	110.7	31.06	9.40	24.01	2.35*
120.1	120.6	31.07	9.37	24.02	2.17*
130.2	130.8	31.10	9.34	24.04	2.87*
140.3	141.0	31.11	9.27	24.07	3.39
150.2	150.9	31.13	9.17	24.09	3.02*
160.1	160.8	31.14	9.08	24.11	2.01*
170.0	170.8	31.14	9.03	24.13	1.55*
180.1	181.0	31.14	9.01	24.13	1.49*

MAX DEPTH 185.8

CRUISE NO. 31 SAANICH INLET 1978

LAT N48 41.53

DATE 25/10/78

TIME (PST) 1301

TAPE CZ0/78/ 1-125

LONG W123 30.15

PASS NO. 11

STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.96	10.63	22.18	1.37
2.0	2.0	28.96	10.68	22.16	.73*
5.1	5.1	28.96	10.69	22.17	+
10.0	10.1	28.98	10.56	22.20	3.67*
15.1	15.1	29.01	10.62	22.22	5.51
20.1	20.2	29.23	10.89	22.34	6.89
25.1	25.2	29.38	11.07	22.43	8.17
30.1	30.2	29.50	11.01	22.53	6.36*
35.2	35.3	29.53	11.00	22.55	7.53*
40.2	40.3	29.74	10.70	22.77	7.94*
45.1	45.3	29.78	10.54	22.82	8.33*
50.1	50.3	29.89	10.44	22.93	6.99
60.1	60.3	30.15	10.13	23.18	5.62
70.1	70.4	30.42	9.90	23.42	9.14

MAX DEPTH 73.0

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 31 SAANICH INLET 1978

LAT N48 43.75

DATE 25/10/78

TIME (PST) 1339

TAPE CZ0/78/ 1-126

LONG W123 32.46

PASS NO. 13

STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	S-V
.0	.0	28.66	11.12	21.86	8.58*
2.0	2.0	28.62	11.13	21.83	3.14*
5.2	5.2	28.65	11.04	21.87	7.88*
10.0	10.1	28.97	10.89	22.14	7.18*
15.0	15.1	29.12	10.90	22.25	6.48*
20.0	20.1	29.17	10.97	22.28	11.12
25.2	25.3	29.40	10.90	22.47	9.33
30.3	30.4	29.45	10.84	22.52	6.99
35.2	35.4	29.57	10.84	22.62	7.81*
40.0	40.1	29.64	10.75	22.69	9.98
45.1	45.2	29.83	10.49	22.87	5.05
50.1	50.3	29.89	10.41	22.93	8.07
60.1	60.4	30.41	9.88	23.43	5.15
70.1	70.4	30.88	9.54	23.84	14.04
80.1	80.5	31.13	9.33	24.07	6.59*
90.0	90.4	31.23	9.26	24.16	3.09*
100.1	100.6	31.26	9.24	24.18	4.31*
110.1	110.7	31.38	9.16	24.29	2.35*

MAX DEPTH 111.6

CRUISE NO. 31 SAANICH INLET 1978

LAT N48 43.40

DATE 25/10/78

TIME (PST) 1445

TAPE CZ0/78/ 1-127

LONG W123 25.07

PASS NO. 15

STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	S-V
.0	.0	28.68	10.64	21.96	2.84
2.1	2.1	28.71	10.63	21.98	7.84
5.0	5.0	28.87	10.55	22.12	7.84
10.1	10.1	28.94	10.57	22.17	7.58
15.0	15.0	28.98	10.54	22.21	7.73*
20.1	20.2	29.16	10.59	22.34	7.70
25.2	25.3	29.22	10.56	22.39	7.94*
30.1	30.2	29.27	10.54	22.43	10.08
35.2	35.3	29.68	10.51	22.76	19.75
40.2	40.3	29.87	10.34	22.93	5.46
45.2	45.4	29.91	10.27	22.97	9.93*
50.2	50.4	30.17	10.02	23.21	11.15
60.0	60.3	30.67	9.61	23.66	8.49
70.0	70.3	30.72	9.57	23.71	8.59*
80.1	80.5	31.37	9.14	24.29	13.79

MAX DEPTH 88.7

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 31 SAANICH INLET 1978

LAT N48 43.55

DATE 25/10/78

TIME (PST) 1548

TAPE CZ0/78/ 1-128

LONG W123 15.55

PASS NO. 17

STN: 9

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.29	10.73	21.64	26.43
2.0	2.0	28.55	10.59	21.86	15.25
5.0	5.0	28.67	10.53	21.97	16.97
10.1	10.1	29.01	10.44	22.24	10.61
15.1	15.1	29.08	10.40	22.31	5.85*
20.2	20.3	29.13	10.39	22.35	7.59
25.0	25.1	29.31	10.27	22.50	8.00
30.2	30.3	29.42	10.20	22.61	11.29
35.3	35.4	29.65	10.10	22.79	8.09
40.3	40.4	29.68	10.06	22.83	10.01*
45.0	45.2	29.92	9.95	23.03	13.41*
50.1	50.3	30.01	9.91	23.11	17.22*
60.2	60.5	31.12	9.30	24.06	6.39
70.0	70.4	31.43	9.10	24.34	6.05*
80.1	80.5	31.55	9.02	24.45	9.79
90.2	90.7	31.82	8.84	24.68	7.28*
100.1	100.7	32.03	8.69	24.87	3.28*
110.1	110.7	32.04	8.68	24.88	5.50*
120.2	120.9	32.08	8.65	24.92	5.46
130.1	130.8	32.11	8.63	24.94	4.28
140.0	140.8	32.13	8.61	24.96	3.39

MAX DEPTH 149.8

CRUISE NO. 32

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 32 SAANICH INLET 1978

LAT N48 31.22

DATE 23/11/78

TIME (PST) 1740

TAPE CZ0/78/ 1-129

LONG W123 32.27

PASS NO. 1

STN: 1

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.29	6.86	22.20	30.95
2.1	2.1	28.96	8.00	22.57	21.74
5.1	5.1	29.39	8.93	22.77	17.04
10.0	10.1	29.59	9.10	22.91	8.42
15.1	15.1	29.69	9.24	22.96	7.42
20.2	20.2	29.82	9.46	23.03	5.42*
25.1	25.2	29.89	9.57	23.07	4.90*
30.0	30.2	29.94	9.65	23.09	4.81*
35.1	35.2	30.01	9.75	23.14	5.23
40.2	40.3	30.07	9.80	23.17	6.13*
45.0	45.2	30.16	9.87	23.23	7.92
50.1	50.3	30.33	9.90	23.36	9.56
60.0	60.3	30.47	9.78	23.49	6.18*
70.1	70.4	30.59	9.65	23.60	7.63
80.1	80.5	30.77	9.43	23.78	8.93*
90.1	90.5	30.89	9.29	23.89	5.14
100.1	100.5	30.99	9.19	23.98	3.94*
110.1	110.6	31.01	9.17	24.00	2.16*
120.2	120.7	31.03	9.14	24.02	2.90*
130.0	130.6	31.06	9.11	24.05	3.30*
140.1	140.8	31.09	9.07	24.08	2.67*
150.1	150.8	31.11	9.05	24.10	
160.0	160.8	31.11	9.04	24.10	

MAX DEPTH 160.0

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 32 SAANICH INLET 1978

LAT N48 33.48

DATE 23/11/78

TIME (PST) 1857

TAPE CZ0/78/ 1-130

LONG W123 30.76

PASS NO. 3

STN: 2

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.10	8.54	22.65	15.61
2.0	2.0	29.38	8.75	22.79	10.82
5.0	5.1	29.48	8.91	22.84	5.23
10.2	10.2	29.59	8.96	22.92	7.28*
15.2	15.3	29.74	9.29	22.99	5.91*
20.1	20.2	29.80	9.40	23.02	5.41*
25.2	25.3	29.86	9.41	23.07	6.66
30.1	30.2	29.92	9.33	23.12	8.05
35.1	35.2	29.99	9.51	23.16	6.90*
40.0	40.2	30.17	9.76	23.26	7.28*
45.0	45.2	30.24	9.70	23.32	7.00*
50.1	50.3	30.33	9.47	23.42	8.01
60.2	60.4	30.52	9.45	23.58	5.33
70.1	70.4	30.62	9.26	23.68	7.33
80.3	80.6	30.78	9.30	23.80	6.14*
90.1	90.5	30.91	9.35	23.89	5.26
100.2	100.6	30.99	9.30	23.96	4.53*
110.2	110.7	31.03	9.25	24.01	3.88*
120.0	120.6	31.08	9.24	24.05	2.53*
130.0	130.6	31.10	9.22	24.06	2.32*
140.1	140.8	31.11	9.14	24.08	3.88*
150.2	150.9	31.13	9.09	24.10	2.54*
160.1	160.9	31.13	9.04	24.12	2.39*
170.1	170.9	31.15	9.01	24.13	1.97*
180.2	181.0	31.16	9.00	24.14	1.38*
190.2	191.1	31.16	8.99	24.14	1.24*
200.0	201.0	31.16	8.99	24.15	1.39*
210.0	211.0	31.17	8.99	24.15	

MAX DEPTH 212.6

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 32 SAANICH INLET 1978

LAT N48 35.33

DATE 23/11/78

TIME (PST) 1957

TAPE CZ0/78/ 1-131

LONG W123 30.13

PASS NO. 5

STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.49	7.39	22.29	28.99
2.0	2.0	29.32	8.22	22.82	18.55
5.1	5.2	29.40	8.58	22.83	9.28
10.1	10.1	29.47	8.65	22.88	7.21*
15.0	15.1	29.72	9.19	22.99	5.55
20.1	20.2	29.70	9.12	22.99	5.55*
25.0	25.1	29.82	9.18	23.07	6.49*
30.1	30.2	29.96	9.43	23.14	7.17*
35.2	35.4	30.11	9.53	23.24	7.54*
40.1	40.3	30.15	9.27	23.32	7.34*
45.1	45.2	30.04	9.38	23.21	7.29*
50.2	50.4	30.31	9.64	23.39	7.47*
60.3	60.5	30.52	9.58	23.56	6.97*
70.1	70.4	30.64	9.40	23.68	5.91
80.0	80.4	30.81	9.47	23.79	6.12*
90.1	90.5	30.92	9.41	23.89	6.18
100.3	100.7	31.03	9.36	23.98	4.62
110.1	110.6	31.06	9.33	24.02	3.14*
120.1	120.6	31.10	9.31	24.05	2.72*
130.2	130.8	31.11	9.25	24.07	2.56*
140.1	140.7	31.13	9.22	24.08	2.49*
150.1	150.8	31.14	9.13	24.11	2.49*
160.2	161.0	31.15	9.08	24.12	2.22*
170.2	171.0	31.15	9.03	24.14	1.73*
180.2	181.0	31.16	9.01	24.14	1.18*
190.3	191.1	31.16	9.00	24.14	1.09*
200.2	201.2	31.17	8.99	24.15	1.19*
210.2	211.2	31.17	8.98	24.15	1.19*
220.0	221.1	31.17	8.98	24.16	

MAX DEPTH 224.1

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 32 SAANICH INLET 1978

LAT N48 37.30

DATE 23/11/78

TIME (PST) 2050

TAPE CZ0/78/ 1-132

LONG W123 29.90

PASS NO. 7

STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.14	8.36	22.66	20.95*
2.0	2.0	29.41	8.59	22.84	16.11*
5.0	5.0	29.42	8.29	22.89	8.66*
10.1	10.2	29.53	8.72	22.92	4.20*
15.1	15.1	29.55	8.71	22.93	4.70*
20.1	20.2	29.61	8.88	22.95	6.02
25.2	25.3	29.69	8.95	23.00	6.07
30.1	30.2	30.01	9.33	23.20	12.21*
35.1	35.3	30.00	9.21	23.21	6.25*
40.2	40.4	30.00	8.81	23.27	6.11
45.1	45.3	30.07	8.75	23.33	5.92
50.1	50.3	30.14	8.66	23.40	6.24
60.1	60.3	30.28	8.64	23.51	7.97
70.1	70.3	30.56	9.22	23.64	6.95
80.0	80.4	30.71	8.80	23.82	8.94*
90.0	90.4	30.98	9.36	23.95	5.52*
100.1	100.5	31.04	9.34	24.00	3.43*
110.0	110.5	31.07	9.33	24.02	2.64*
120.0	120.6	31.09	9.31	24.05	2.62*
130.2	130.8	31.12	9.26	24.07	2.54*
140.0	140.7	31.13	9.20	24.09	2.55*
150.2	150.9	31.14	9.13	24.11	2.45*
160.1	160.8	31.15	9.08	24.13	1.66*
170.1	170.9	31.15	9.02	24.14	1.43*
180.1	181.0	31.16	9.02	24.14	1.36*
190.1	191.0	31.16	9.00	24.14	1.24*
200.2	201.1	31.16	8.99	24.14	1.12*
210.1	211.1	31.16	8.99	24.15	1.19*

MAX DEPTH 210.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 32 SAANICH INLET 1978
 LAT N48 39.26
 DATE 23/11/78
 TIME (PST) 2145

TAPE CZ0/78/ 1-133
 LONG W123 30.13
 PASS NO. 9
 STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.11	8.18	22.66	14.82*
2.0	2.0	29.12	8.06	22.68	1.00*
5.2	5.2	29.09	7.94	22.68	+
10.1	10.2	29.33	8.28	22.82	5.01*
15.2	15.3	29.34	8.65	22.78	7.60*
20.1	20.2	29.61	8.76	22.97	5.20*
25.2	25.2	29.65	8.82	23.00	2.79*
30.0	30.1	29.65	8.80	23.00	3.95
35.1	35.3	29.65	8.65	23.02	6.14*
40.2	40.3	29.84	9.02	23.11	10.08
45.0	45.2	30.10	9.33	23.27	10.78*
50.1	50.2	30.13	9.31	23.29	6.12
60.1	60.4	30.27	8.83	23.47	8.69
70.1	70.4	30.72	8.94	23.81	6.92
80.1	80.5	30.93	9.41	23.90	3.63*
90.0	90.4	30.98	9.41	23.94	3.82
100.2	100.7	31.02	9.39	23.98	3.78*
110.0	110.5	31.06	9.37	24.01	2.48*
120.0	120.6	31.08	9.35	24.02	2.11*
130.2	130.8	31.10	9.31	24.05	3.06*
140.2	140.8	31.12	9.24	24.08	2.46*
150.2	150.9	31.13	9.20	24.09	2.55*
160.1	160.9	31.15	9.10	24.12	2.54*
170.2	171.0	31.15	9.05	24.13	1.99*
180.1	180.9	31.16	9.02	24.14	+

MAX DEPTH 184.3

CRUISE NO. 32 SAANICH INLET 1978
 LAT N48 41.58
 DATE 23/11/78
 TIME (PST) 2030

TAPE CZ0/78/ 1-134
 LONG W123 30.15
 PASS NO. 11
 STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.03	8.19	22.60	21.64
2.0	2.0	29.17	8.23	22.71	13.36
5.0	5.0	29.28	8.32	22.78	9.21*
10.0	10.1	29.66	8.86	22.99	10.31*
15.1	15.1	29.69	8.86	23.02	5.75*
20.1	20.2	29.68	8.71	23.03	2.36*
25.1	25.2	29.68	8.69	23.04	3.85*
30.2	30.3	29.78	8.89	23.09	5.54*
35.1	35.2	29.80	8.88	23.10	8.06*
40.1	40.3	30.03	8.93	23.28	9.92
45.0	45.2	30.13	9.21	23.31	8.31
50.0	50.2	30.16	9.37	23.31	4.14*
60.1	60.4	30.32	8.89	23.50	9.20

MAX DEPTH 68.2

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 32 SAANICH INLET 1978
 LAT N48 43.75
 DATE 23/11/78
 TIME (PST) 2304

TAPE C20/78/ 1-135
 LONG W123 32.46
 PASS NO. 13
 STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	S-v
.0	.0	29.39	8.83	22.79	10.19*
2.1	2.1	29.68	8.83	23.01	8.98*
5.1	5.1	29.62	8.74	22.98	7.16*
10.2	10.2	29.76	8.91	23.06	5.09
15.0	15.1	29.80	8.96	23.09	3.74*
20.1	20.1	29.81	8.95	23.10	3.07
25.2	25.2	29.83	8.94	23.12	5.16
30.0	30.1	29.93	8.87	23.21	7.83
35.0	35.1	29.96	8.66	23.26	5.46
40.0	40.2	29.98	8.64	23.28	3.52*
45.1	45.3	30.01	8.67	23.29	7.82
50.1	50.3	30.08	8.60	23.36	6.22
60.1	60.3	30.28	8.55	23.52	10.71
70.0	70.3	30.57	8.50	23.76	7.47
80.0	80.4	30.67	8.49	23.84	4.63*
90.0	90.4	30.80	8.41	23.95	4.64
100.2	100.7	30.89	8.36	24.03	7.42*
110.0	110.5	31.00	8.32	24.12	6.11

MAX DEPTH 112.4

CRUISE NO. 32 SAANICH INLET 1978
 LAT N48 43.40
 DATE 23/11/78
 TIME (PST) 0004

TAPE C20/78/ 1-136
 LONG W123 25.07
 PASS NO. 15
 STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	S-v
.0	.0	29.57	8.34	23.00	8.87
2.0	2.0	29.50	8.37	22.95	6.55
5.1	5.1	29.52	8.38	22.96	4.10*
10.0	10.1	29.52	8.38	22.96	1.78*
15.2	15.3	29.53	8.36	22.97	2.48*
20.1	20.1	29.55	8.37	22.98	3.27*
25.2	25.3	29.57	8.38	23.00	4.55*
30.0	30.1	29.58	8.38	23.00	6.45
35.0	35.1	29.73	8.43	23.11	11.34
40.1	40.2	29.86	8.51	23.20	9.98*
45.1	45.3	29.94	8.52	23.27	8.48*
50.2	50.4	30.12	8.36	23.43	6.05
60.2	60.4	30.33	8.51	23.57	5.55
70.0	70.3	30.64	8.33	23.84	12.55
80.2	80.6	31.35	8.18	24.41	11.55

MAX DEPTH 85.6

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 32 SAANICH INLET 1978

LAT N48 43.55

DATE 24/11/78

TIME (PST) 0106

TAPE CZ0/78/ 1-137

LONG W123 15.55

PASS NO. 17

STN: 9

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	28.75	8.22	22.38	1.47
2.1	2.1	28.72	8.21	22.35	3.51*
5.1	5.1	28.79	8.24	22.41	8.80
10.1	10.1	29.32	8.42	22.79	16.13
15.1	15.1	29.65	8.60	23.03	9.14*
20.1	20.1	29.68	8.64	23.05	4.38
25.2	25.3	29.74	8.65	23.09	8.63
30.1	30.2	30.10	8.51	23.39	7.69
35.1	35.3	30.18	8.44	23.46	6.93*
40.1	40.3	30.32	8.38	23.58	9.66
45.1	45.3	30.56	8.27	23.79	8.33
50.1	50.4	30.63	8.25	23.84	7.60
60.0	60.3	30.84	8.22	24.01	8.80
70.1	70.4	31.35	8.14	24.42	5.96*
80.1	80.5	31.44	8.10	24.49	7.46
90.1	90.6	31.52	8.09	24.56	3.97*
100.0	100.5	31.60	8.08	24.62	4.83*
110.1	110.7	31.62	8.08	24.63	2.30
120.2	120.8	31.77	8.05	24.76	9.38*
130.0	130.7	32.06	7.95	25.00	7.43*
140.1	140.8	32.10	7.94	25.04	5.14*
150.1	150.9	32.12	7.93	25.05	1.61*
160.1	161.0	32.12	7.93	25.05	

MAX DEPTH 161.4

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CRUISE NO. 33

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 33 SAANICH INLET 1978

LAT N48 35.33

DATE 14/12/78

TIME (PST) 2309

TAPE CZ0/78/ 1-144

LONG W123 30.13

PASS NO. 13

STN: 3

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.68	8.50	23.06	4.33
2.1	2.1	29.69	8.50	23.07	4.74
5.2	5.2	29.71	8.47	23.09	5.52*
10.1	10.1	29.80	8.62	23.14	6.42
15.1	15.1	29.89	8.66	23.20	4.54
20.0	20.1	29.93	8.70	23.23	6.42*
25.2	25.3	30.03	8.55	23.33	6.56*
30.1	30.2	30.05	8.57	23.34	6.20*
35.1	35.2	30.15	8.51	23.43	5.89*
40.1	40.3	30.18	8.49	23.46	5.59*
45.0	45.2	30.23	8.43	23.51	5.37*
50.0	50.2	30.29	8.47	23.55	5.17*
60.0	60.3	30.34	8.21	23.62	7.30
70.0	70.3	30.53	8.53	23.72	5.26*
80.0	80.4	30.66	8.70	23.80	7.24
90.1	90.5	30.86	9.04	23.90	5.92*
100.1	100.6	31.03	9.24	24.00	4.38
110.1	110.6	31.06	9.27	24.02	3.38
120.1	120.6	31.11	9.28	24.06	2.37*
130.2	130.8	31.13	9.25	24.08	2.52*
140.0	140.7	31.15	9.17	24.11	2.16*
150.1	150.8	31.16	9.10	24.13	2.03*
160.1	160.9	31.16	9.07	24.13	1.78*
170.0	170.8	31.17	9.03	24.14	1.75*
180.2	181.0	31.17	9.01	24.15	1.42*
190.1	191.0	31.17	9.00	24.15	1.18*
200.1	201.1	31.18	8.99	24.16	1.34*
210.1	211.0	31.18	8.99	24.16	1.23*
220.1	221.1	31.18	8.98	24.16	

MAX DEPTH 225.5

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 33 SAANICH INLET 1978
 LAT N48 37.30
 DATE 14/12/78
 TIME (PST) 2206

TAPE CZ0/78/ 1-143
 LONG W123 29.90
 PASS NO. 11
 STN: 4

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.35	7.86	22.90	11.20
2.0	2.0	29.35	7.87	22.90	3.04*
5.0	5.0	29.46	8.17	22.94	8.03
10.2	10.2	29.69	8.53	23.07	4.85
15.1	15.2	29.91	8.78	23.20	7.89
20.1	20.1	29.92	8.59	23.24	5.33*
25.1	25.2	30.02	8.62	23.31	5.99
30.1	30.2	30.06	8.62	23.34	6.07*
35.2	35.3	30.11	8.54	23.40	5.51*
40.2	40.3	30.15	8.37	23.45	4.38
45.2	45.4	30.18	8.19	23.50	6.09
50.2	50.4	30.24	8.22	23.54	4.79*
60.2	60.5	30.33	8.20	23.61	5.22*
70.2	70.5	30.44	8.25	23.69	4.31*
80.1	80.5	30.64	8.78	23.77	4.55
90.0	90.4	30.91	9.09	23.94	6.70*
100.2	100.6	30.98	9.20	23.98	3.08*
110.0	110.5	31.01	9.25	23.99	5.22
120.0	120.6	31.07	9.28	24.03	3.20*
130.2	130.8	31.10	9.28	24.06	2.72*
140.0	140.7	31.12	9.22	24.08	2.44*
150.0	150.7	31.13	9.21	24.09	2.19*
160.1	160.8	31.14	9.16	24.11	2.10*
170.0	170.8	31.15	9.12	24.12	2.13*
180.1	181.0	31.16	9.08	24.13	2.05*
190.1	191.0	31.16	9.05	24.14	1.60*
200.1	201.1	31.17	9.01	24.15	1.73*
210.0	211.0	31.18	9.00	24.16	

MAX DEPTH 214.9

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 33 SAANICH INLET 1978

LAT N48 39.26

DATE 14/12/78

TIME (PST) 2121

TAPE CZ0/78/ 1-142

LONG W123 30.13

PASS NO. 9

STN: 5

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.39	7.79	22.94	.65*
2.1	2.1	29.39	7.79	22.94	1.21*
5.2	5.2	29.41	7.81	22.95	3.05*
10.2	10.2	29.53	8.09	23.01	5.44*
15.1	15.2	29.81	8.43	23.17	7.84*
20.1	20.1	29.83	8.37	23.20	5.50
25.2	25.3	29.86	8.29	23.23	5.40*
30.1	30.2	29.90	8.27	23.27	5.59*
35.0	35.2	29.96	8.26	23.32	5.54*
40.0	40.2	30.07	8.46	23.38	5.39
45.2	45.4	30.13	8.57	23.41	4.12
50.1	50.3	30.21	8.56	23.47	9.08
60.1	60.3	30.47	8.79	23.64	5.17*
70.2	70.5	30.57	8.69	23.73	5.11*
80.1	80.5	30.69	8.78	23.81	5.38
90.0	90.4	30.88	9.05	23.92	6.13
100.2	100.6	31.01	9.19	24.00	3.47*
110.2	110.7	31.03	9.22	24.01	2.50*
120.2	120.8	31.08	9.28	24.04	3.60*
130.1	130.7	31.10	9.23	24.06	3.88*
140.0	140.7	31.11	9.17	24.08	2.31*
150.2	150.9	31.13	9.17	24.09	2.42*
160.1	160.9	31.15	9.14	24.11	2.55*
170.0	170.8	31.16	9.10	24.13	2.24*
180.1	180.9	31.17	9.06	24.14	

MAX DEPTH 187.9

COASTAL ZONE OCEANOGRAPHY
 CRUISE NO. 33 SAANICH INLET 1978
 LAT N48 43.75
 DATE 14/12/78
 TIME (PST) 1959

TAPE CZ0/78/ 1-140
 LONG W123 32.46
 PASS NO. 5
 STN: 7

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.83	8.29	23.21	.27*
2.1	2.1	29.83	8.29	23.21	.79*
5.1	5.2	29.85	8.30	23.22	1.98*
10.1	10.1	29.84	8.30	23.22	3.70*
15.1	15.2	29.89	8.29	23.26	5.41*
20.2	20.3	29.95	8.24	23.31	4.55*
25.2	25.3	29.98	8.22	23.34	3.57*
30.1	30.2	29.97	8.21	23.33	3.04*
35.1	35.2	29.98	8.21	23.34	2.53*
40.0	40.2	30.01	8.20	23.36	10.50
45.2	45.4	30.14	8.11	23.48	8.90*
50.1	50.3	30.21	8.06	23.54	6.71*
60.1	60.3	30.28	8.03	23.60	5.32*
70.2	70.5	30.40	7.98	23.70	5.30
80.0	80.4	30.46	7.96	23.75	4.04*
90.1	90.5	30.52	7.96	23.79	
100.1	100.5	30.57	7.94	23.84	

MAX DEPTH 101.5

CRUISE NO. 33 SAANICH INLET 1978
 LAT N48 41.58
 DATE 14/12/78
 TIME (PST) 2044

TAPE CZ0/78/ 1-141
 LONG W123 30.15
 PASS NO. 7
 STN: 6

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.39	8.02	22.90	136.28
2.0	2.0	29.29	7.96	22.84	4.63
5.2	5.2	29.32	7.93	22.86	87.00
10.2	10.2	29.28	8.01	22.82	+
15.1	15.1	29.81	8.36	23.19	4.24
20.2	20.3	29.81	8.31	23.20	5.11*
25.0	25.1	29.85	8.26	23.23	2.89
30.1	30.2	29.87	8.25	23.25	+
35.0	35.2	29.96	8.20	23.32	7.10*
40.0	40.2	30.03	8.17	23.39	6.29
45.1	45.3	30.09	8.12	23.44	6.19
50.0	50.2	30.15	8.26	23.46	6.70*
60.1	60.4	30.35	8.20	23.63	5.02
70.0	70.3	30.59	8.44	23.79	+

MAX DEPTH 71.2

COASTAL ZONE OCEANOGRAPHY

CRUISE NO. 33 SAANICH INLET 1978

LAT N48 43.55

DATE 14/12/78

TIME (PST) 1732

TAPE CZ0/78/ 1-138

LONG W123 15.55

PASS NO. 1

STN: 9

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	30.79	7.82	24.03	4.10
2.0	2.0	30.80	7.83	24.03	1.88*
5.0	5.1	30.86	7.82	24.08	4.86
10.2	10.3	30.91	7.82	24.12	5.63
15.2	15.2	30.90	7.82	24.11	+
20.1	20.2	30.90	7.82	24.11	7.17
25.2	25.3	30.87	7.82	24.09	10.17*
30.1	30.2	30.69	7.83	23.95	+
35.1	35.3	30.74	7.84	23.98	9.06*
40.2	40.4	30.86	7.83	24.08	7.96
45.2	45.4	30.97	7.82	24.16	4.69
50.0	50.3	30.95	7.82	24.16	1.62*
60.1	60.4	31.00	7.82	24.19	7.86
70.0	70.3	30.99	7.82	24.19	+
80.3	80.6	30.98	7.82	24.18	5.06
90.1	90.6	31.01	7.82	24.20	2.24*
100.1	100.6	31.03	7.82	24.22	7.14
110.1	110.7	31.26	7.78	24.40	7.73*
120.2	120.8	31.28	7.77	24.42	2.54*
130.3	130.9	31.32	7.77	24.45	8.52*
140.1	140.8	31.67	7.73	24.73	7.00*
150.1	150.9	31.83	7.71	24.86	

MAX DEPTH 159.2

CRUISE NO. 33 SAANICH INLET 1978

LAT N48 43.40

DATE 14/12/78

TIME (PST) 1858

TAPE CZ0/78/ 1-139

LONG W123 25.07

PASS NO. 3

STN: 8

DEPTH	PRESS	SAL	TEMP	SIGMA-T	B-V
.0	.0	29.56	8.12	23.02	5.52
2.0	2.0	29.61	8.13	23.06	7.05
5.1	5.2	29.73	8.15	23.15	8.35
10.1	10.2	29.98	8.13	23.35	6.13
15.1	15.1	30.03	8.12	23.39	5.66*
20.1	20.2	30.08	8.04	23.44	5.38
25.1	25.2	30.15	7.97	23.50	6.86
30.1	30.2	30.25	7.91	23.59	9.05
35.2	35.3	30.37	7.92	23.68	5.44*
40.2	40.4	30.38	7.92	23.70	4.09*
45.2	45.4	30.42	7.92	23.73	3.72*
50.2	50.4	30.46	7.92	23.75	3.59*
60.1	60.4	30.53	7.92	23.81	5.23*
70.1	70.4	30.65	7.91	23.91	5.60*
80.0	80.4	30.71	7.90	23.95	6.70

MAX DLPHT 89.7

DISSOLVED OXYGEN

COASTAL ZONE OCEANOGRAPHY
 SAANICH INLET CRUISES
 DEPTH(M)--DISSOLVED OXYGEN(ML/L)

STATION 3

N48 35.33 W123 30.13
 DATE 22/01/78
 TIME (PST) 0834

DEPTH	OXYGEN
75	4.590
100	4.715
125	0.195
150	0.167
175	1.182
200	0.000

STATION 3

N48 35.33 W123 30.13
 DATE 21/02/78
 TIME (PST) 1300

DEPTH	OXYGEN
75	5.132
100	1.225
125	0.139
150	0.181
175	0.000
200	0.000

STATION 5

N48 39.26 W123 30.13
 DATE 22/01/78
 TIME (PST) 0715

DEPTH	OXYGEN
75	5.120
100	N/A
125	0.227
150	0.626
175	0.083

STATION 5

N48 39.26 W123 30.13
 DATE 21/02/78
 TIME (PST) 1124

DEPTH	OXYGEN
75	5.424
100	0.307
125	0.098
150	0.112
175	0.000

STATION 8

N48 43.40 W123 25.07
 DATE 22/01/78
 TIME (PST) 0515

DEPTH	OXYGEN
20	5.773
40	5.787
60	5.800
80	5.787

STATION 8

N48 43.40 W123 25.07
 DATE 21/02/78
 TIME (PST) 0945

DEPTH	OXYGEN
20	5.773
40	5.801
60	5.773
80	5.773

COASTAL ZONE OCEANOGRAPHY
 SAANICH INLET CRUISES
 DEPTH(M)--DISSOLVED OXYGEN(ML/L)

STATION 3

N48 35.33 W123 30.13

DATE 18/03/78

TIME (PST) 0050-0106

DEPTH	OXYGEN
75	5.483
100	0.793
125	0.142
150	0.142
175	0.000
200	0.000

STATION 3

N48 35.33 W123 30.13

DATE 21/04/78

TIME (PST) 1137

DEPTH	OXYGEN
75	3.675
100	0.824
125	0.067
150	0.067
175	0.000
200	0.000

STATION 5

N48 39.26 W123 30.13

DATE 17/03/78

TIME (PST) 2302

DEPTH	OXYGEN
75	4.761
100	0.595
125	0.269
150	0.127
175	0.000

STATION 5

N48 39.26 W123 30.13

DATE 21/04/78

TIME (PST) 1033-1047

DEPTH	OXYGEN
75	4.796
100	0.270
125	0.270
150	0.270
175	0.000

STATION 8

N48 43.40 W123 25.07

DATE 17/03/78

TIME (PST) 2111

DEPTH	OXYGEN
20	6.050
40	5.880
60	5.880
80	5.838

STATION 8

N48 43.40 W123 25.07

DATE 21/04/78

TIME (PST) 0849

DEPTH	OXYGEN
20	5.890
40	5.700
60	5.580
80	4.945

COASTAL ZONE OCEANOGRAPHY
 SAANICH INLET CRUISES
 DEPTH(M)--DISSOLVED OXYGEN(ML/L)

STATION 3

N48 35.33 W123 30.13

DATE 29/05/78

TIME (PST) 1124-1137

DEPTH	OXYGEN
75	5.486
100	5.556
125	4.500
150	0.000
175	0.000
200	0.000

STATION 3

N48 35.33 W123 30.13

DATE 15/06/78

TIME (PST) 1338-1350

DEPTH	OXYGEN
75	2.971
100	1.733
125	0.206
150	0.000
175	0.000
200	0.000

STATION 5

N48 39.26 W123 30.13

DATE 29/05/78

TIME (PST) 1020

DEPTH	OXYGEN
75	2.667
100	1.444
125	0.139
150	0.000
175	0.000

STATION 5

N48 39.26 W123 30.13

DATE 15/06/78

TIME (PST)

DEPTH	OXYGEN
75	3.232
100	2.063
125	0.358
150	0.000
175	0.000

STATION 8

N48 43.40 W123 25.07

DATE 29/05/78

TIME (PST) 0821

DEPTH	OXYGEN
20	6.028
40	5.639
60	5.639
80	5.417

STATION 8

N48 43.40 W123 25.07

DATE 15/06/78

TIME (PST) 1133

DEPTH	OXYGEN
20	5.860
40	5.708
60	5.089
80	4.621

COASTAL ZONE OCEANOGRAPHY
 SAANICH INLET CRUISES
 DEPTH(M)--DISSOLVED OXYGEN(ML/L)

STATION 3

N48 35.33 W123 30.13
 DATE 06/07/78
 TIME (PST) 0933

DEPTH	OXYGEN
20	6.301
30	4.495
50	3.516
75	2.206
100	1.199
125	0.179
150	0.000
175	0.000
200	0.000

STATION 3

N48 35.33 W123 30.13
 DATE 02/08/78
 TIME (PST) 1124-1148

DEPTH	OXYGEN
20	5.412
30	3.219
50	3.108
75	1.221
100	1.332
125	0.527
150	0.000
175	0.000
200	0.000

STATION 5

N48 39.26 W123 30.13
 DATE 06/07/78
 TIME (PST) 1158-1215

DEPTH	OXYGEN
20	5.970
30	4.908
50	3.764
75	2.675
100	1.806
125	0.165
150	0.000
175	0.000

STATION 5

N48 39.26 W123 30.13
 DATE 02/08/78
 TIME (PST) 1252-1309

DEPTH	OXYGEN
20	5.273
30	3.913
50	3.469
75	2.259
100	1.776
125	0.583
150	0.000
175	0.000

STATION 8

N48 43.40 W123 25.07
 DATE 06/07/78
 TIME (PST) 1353

DEPTH	OXYGEN
20	5.157
40	4.646
60	4.453
80	4.315

STATION 8

N48 43.40 W123 25.07
 DATE 02/08/78
 TIME (PST) 1449-1459

DEPTH	OXYGEN
20	5.134
40	4.537
60	4.274
80	3.608

COASTAL ZONE OCEANOGRAPHY
 SAANICH INLET CRUISES
 DEPTH(M)--DISSOLVED OXYGEN(ML/L)

STATION 1

N48 31.22 W123 32.27
 DATE 14/08/78
 TIME (PST) 0920

DEPTH	OXYGEN
20	4.595
30	3.328
50	0.618
75	0.147
100	0.103
125	0.029
150	0.000

STATION 2

N48 33.48 W123 30.76
 DATE 15/08/78
 TIME (PST) 1005

DEPTH	OXYGEN
20	3.755
30	3.358
50	1.561
75	0.427
100	0.825
125	0.147
150	0.000
175	0.000
200	0.000

STATION 3

N48 35.33 W123 30.13
 DATE 14/08/78
 TIME (PST) 1036

DEPTH	OXYGEN
20	4.271
30	3.534
50	2.504
75	0.736
100	1.325
125	0.766
150	0.000
175	0.000
200	0.000

STATION 4

N48 37.30 W123 29.90
 DATE 15/08/78
 TIME (PST) 1115

DEPTH	OXYGEN
20	3.917
30	3.476
50	2.445
75	0.972
100	2.533
125	1.149
150	0.000
175	0.000
200	0.000

STATION 5

N48 39.26 W123 30.13
 DATE 14/08/78
 TIME (PST) 1151

DEPTH	OXYGEN
20	4.360
30	3.726
50	3.240
75	0.780
100	1.679
125	1.149
150	0.147
175	0.000

STATION 6

N48 41.58 W123 30.15
 DATE 15/08/78
 TIME (PST) 1232

DEPTH	OXYGEN
20	3.976
30	4.094
50	3.682
75	2.356

COASTAL ZONE OCEANOGRAPHY
 SAANICH INLET CRUISES
 DEPTH(M)--DISSOLVED OXYGEN(ML/L)

STATION 7

N48 43.75 W123 32.46
 DATE 14/08/78
 TIME (PST) 1309

DEPTH	OXYGEN
20	4.094
30	3.741
50	4.035
75	3.387
100	3.579

STATION 8

N48 43.40 W123 25.07
 DATE 15/08/78
 TIME (PST) 1308

DEPTH	OXYGEN
20	4.683
40	4.816
60	4.285
80	3.755

STATION 9

N48 43.55 W123 15.55
 DATE 14/08/78
 TIME (PST) 1441

DEPTH	OXYGEN
20	4.742
30	4.565
50	3.947
75	3.829
100	3.595
125	3.549
150	3.549

COASTAL ZONE OCEANOGRAPHY
 SAANICH INLET CRUISES
 DEPTH(M)--DISSOLVED OXYGEN(ML/L)

STATION 1

N48 31.22 W123 32.27
 DATE 29/08/78
 TIME (PST) 0952

DEPTH	OXYGEN
20	3.320
30	2.590
50	1.560
75	0.300
100	0.180
125	0.000
150	0.000

STATION 2

N48 33.48 W123 30.76
 DATE 30/08/78
 TIME (PST) 1000-1024

DEPTH	OXYGEN
20	3.290
30	2.870
50	2.240
75	0.650
100	0.810
125	0.450
150	0.000
175	0.000
200	0.000

STATION 3

N48 35.33 W123 30.13
 DATE 29/08/78
 TIME (PST) 1053

DEPTH	OXYGEN
20	3.340
30	3.090
50	2.680
75	1.100
100	0.710
125	0.500
150	0.000
175	0.000
200	0.000

STATION 4

N48 37.30 W123 29.90
 DATE 30/08/78
 TIME (PST) 1119-1144

DEPTH	OXYGEN
20	3.110
30	2.910
50	2.960
75	0.840
100	1.360
125	0.710
150	0.250
175	0.000
200	0.000

STATION 5

N48 39.26 W123 30.13
 DATE 29/08/78
 TIME (PST) 1222

DEPTH	OXYGEN
20	3.580
30	3.360
50	3.250
75	1.520
100	1.280
125	0.840
150	0.120
175	0.000

STATION 6

N48 41.58 W123 30.15
 DATE 30/08/78
 TIME (PST) 1256

DEPTH	OXYGEN
20	4.010
30	3.830
50	2.970
75	3.170

COASTAL ZONE OCEANOGRAPHY
 SAANICH INLET CRUISES
 DEPTH(M)--DISSOLVED OXYGEN(ML/L)

STATION 7

N48 43.75 W123 32.46
 DATE 29/08/78
 TIME (PST) 1353

DEPTH	OXYGEN
20	3.790
30	3.750
50	N/A
75	3.510
100	3.650

STATION 8

N48 43.40 W123 25.07
 DATE 30/08/78
 TIME (PST) 1343

DEPTH	OXYGEN
20	5.060
40	4.720
60	3.700
80	3.700

STATION 9

N48 43.55 W123 15.55
 DATE 29/08/78
 TIME (PST) 1530

DEPTH	OXYGEN
20	4.190
30	4.190
50	4.070
75	3.630
100	3.510
125	3.500
175	3.430

COASTAL ZONE OCEANOGRAPHY
 SAANICH INLET CRUISES
 DEPTH(M)--DISSOLVED OXYGEN(ML/L)

STATION 1

N48 31.22 W123 32.27
 DATE 14/09/78
 TIME (PST) 0912-0929

DEPTH	OXYGEN
20	3.290
30	2.576
50	1.288
75	0.176
100	0.159
125	0.000
150	0.000

STATION 2

N48 33.48 W123 30.76
 DATE 15/09/78
 TIME (PST) 1143-1208

DEPTH	OXYGEN
20	3.012
30	2.814
50	2.636
75	1.268
100	0.198
125	0.174
150	0.000
175	0.000
200	0.000

STATION 3

N48 35.33 W123 30.13
 DATE 14/09/78
 TIME (PST) 1031-1058

DEPTH	OXYGEN
20	3.270
30	2.913
50	2.804
75	1.169
100	0.694
125	0.317
150	0.000
175	0.000
200	0.000

STATION 4

N48 37.30 W123 29.90
 DATE 15/09/78
 TIME (PST) 1314-1329

DEPTH	OXYGEN
20	3.429
30	3.310
50	2.775
75	1.219
100	0.684
125	0.634
150	0.147
175	0.000
200	0.000

STATION 5

N48 39.26 W123 30.13
 DATE 14/09/78
 TIME (PST) 1138-1152

DEPTH	OXYGEN
20	3.498
30	3.270
50	3.181
75	1.189
100	0.753
125	0.574
150	0.000
175	0.000

STATION 6

N48 41.58 W123 30.15
 DATE 15/09/78
 TIME (PST) 1457-1511

DEPTH	OXYGEN
19	3.716
30	3.666
50	3.389
75	1.724
84	0.614

COASTAL ZONE OCEANOGRAPHY
SAANICH INLET CRUISES
DEPTH(M)--DISSOLVED OXYGEN(ML/L)

STATION 7

N48 43.75 W123 32.46
DATE 14/09/78
TIME (PST) 1254-1302
 DEPTH OXYGEN
 20 3.518
 30 3.567
 50 3.716
 75 3.746
 100 3.528

STATION 9

N48 43.55 W123 15.55
DATE 14/09/78
TIME (PST) 1446-1505
 DEPTH OXYGEN
 20 3.924
 30 3.706
 50 3.716
 75 3.686
 100 3.567

COASTAL ZONE OCEANOGRAPHY
 SAANICH INLET CRUISES
 DEPTH(M)--DISSOLVED OXYGEN(ML/L)

STATION 1

N48 31.22 W123 32.27
 DATE 02/10/78
 TIME (PST) 1040-1052

DEPTH	OXYGEN
20	2.913
30	2.319
50	1.506
75	0.178
100	0.099
125	0.000
150	0.000
175	0.000

STATION 6

N48 41.58 W123 30.15
 DATE 02/10/78
 TIME (PST) 1648

DEPTH	OXYGEN
20	3.607
30	3.557
50	3.785

STATION 2

N48 33.48 W123 30.76
 DATE 02/10/78
 TIME (PST) 1147-1202

DEPTH	OXYGEN
20	3.211
30	2.586
50	2.140
75	0.436
100	0.139
125	0.139
150	0.000
175	0.000
200	0.000

STATION 7

N48 43.75 W123 32.46
 DATE 03/10/78
 TIME (PST) 0934

DEPTH	OXYGEN
20	3.557
30	3.528
50	3.429
75	3.369

STATION 3

N48 35.33 W123 30.13
 DATE 02/10/78
 TIME (PST) 1320-1349

DEPTH	OXYGEN
20	3.330
30	2.814
50	2.874
75	1.873
100	0.159
125	0.236
150	0.099
175	0.000
200	0.000

STATION 8

N48 43.40 W123 25.07
 DATE 03/10/78
 TIME (PST) 1037

DEPTH	OXYGEN
20	4.400
40	4.003
60	3.865
80	3.637

COASTAL ZONE OCEANOGRAPHY
 SAANICH INLET CRUISES
 DEPTH(M)--DISSOLVED OXYGEN(ML/L)

STATION 4

N48 37.30 W123 29.90
 DATE 02/10/78
 TIME (PST) 1437-1506

DEPTH	OXYGEN
20	3.349
30	3.302
50	2.953
75	2.854
100	0.268
125	0.377
150	0.139
175	0.000
200	0.000

STATION 9

N48 43.55 W123 15.55
 DATE 03/10/78
 TIME (PST) 1206-1227

DEPTH	OXYGEN
20	4.340
30	4.083
50	4.063
75	3.894
100	3.795
125	3.785

STATION 5

N48 39.26 W123 30.13
 DATE 02/10/78
 TIME (PST) 1550-1603

DEPTH	OXYGEN
20	3.448
30	3.230
50	2.923
75	2.121
100	0.357
125	0.218
150	0.040
175	0.000

COASTAL ZONE OCEANOGRAPHY
 SAAKICII INLET CRUISES
 DEPTH(M)--DISSOLVED OXYGEN(ML/L)

STATION 1

N48 31.22 W123 32.27
 DATE 25/10/78
 TIME (PST) 0745-0759

DEPTH	OXYGEN
20	3.507
30	2.822
50	1.749
75	0.199
100	0.149
125	0.179
150	0.000

STATION 6

N48 41.58 W123 30.15
 DATE 25/10/78
 TIME (PST) 1312

DEPTH	OXYGEN
20	4.173
30	3.487
50	3.627
72	3.656

STATION 2

N48 33.48 W123 30.76
 DATE 25/10/78
 TIME (PST) 0902-0925

DEPTH	OXYGEN
20	3.650
30	2.742
50	2.090
75	0.874
100	0.238
125	0.358
150	0.119
175	0.000
200	0.000

STATION 7

N48 43.75 W123 32.46
 DATE 25/10/78
 TIME (PST) 1350-1358

DEPTH	OXYGEN
20	4.491
30	4.074
50	3.637
75	3.617
100	3.547

STATION 3

N48 35.33 W123 30.13
 DATE 25/10/78
 TIME (PST) 1005-1019

DEPTH	OXYGEN
20	3.720
30	3.179
50	2.434
75	0.974
100	0.179
125	0.280
150	0.250
175	0.000
200	0.000

STATION 8

N48 43.40 W123 25.07
 DATE 25/10/78
 TIME (PST) 1454

DEPTH	OXYGEN
20	4.580
40	3.855
60	3.825
80	3.875

COASTAL ZONE OCEANOGRAPHY
 SAANICH INLET CRUISES
 DEPTH(M)--DISSOLVED OXYGEN(ML/L)

STATION 4

N48 37.30 W123 29.90
 DATE 25/10/78
 TIME (PST) 1119-1144

DEPTH	OXYGEN
20	3.915
30	3.030
50	2.832
75	1.948
100	0.318
125	0.288
150	0.179
175	0.000
200	0.000

STATION 9

N48 43.55 W123 15.55
 DATE 25/10/78
 TIME (PST) 1602-1615

DEPTH	OXYGEN
20	4.471
30	4.590
50	4.233
75	3.825
100	3.378
125	3.378
150	3.338

STATION 5

N48 39.26 W123 30.13
 DATE 25/10/78
 TIME (PST) 1222-1233

DEPTH	OXYGEN
20	3.786
30	3.378
50	2.881
75	3.328
100	0.378
125	0.397
150	0.219
175	0.000

COASTAL ZONE OCEANOGRAPHY
 SAANICH INLET CRUISES
 DEPTH(M)--DISSOLVED OXYGEN(ML/L)

STATION 1

N48 31.22 W123 32.27
 DATE 23/11/78
 TIME (PST) 1812-1823

DEPTH	OXYGEN
20	3.872
30	3.342
50	1.551
75	0.700
100	0.160
125	0.100
150	0.000

STATION 6

N48 41.58 W123 30.15
 DATE 23/11/78
 TIME (PST) 2240

DEPTH	OXYGEN
20	4.983
30	4.633
50	3.952
72	3.912

STATION 2

N48 33.48 W123 30.76
 DATE 23/11/78
 TIME (PST) 1912-1923

DEPTH	OXYGEN
20	4.243
30	4.153
50	3.122
75	2.822
100	0.290
125	0.220
150	0.000
175	0.000
200	0.000

STATION 7

N48 43.75 W123 32.46
 DATE 23/11/78
 TIME (PST) 2314-2321

DEPTH	OXYGEN
20	4.443
30	4.783
50	4.823
75	4.313
100	4.513

STATION 3

N48 35.33 W123 30.13
 DATE 23/11/78
 TIME (PST) 2011-2032

DEPTH	OXYGEN
20	4.383
30	4.093
50	2.632
75	2.121
100	0.440
125	0.450
150	0.000
175	0.000
200	0.000

STATION 8

N48 43.40 W123 25.07
 DATE 24/11/78
 TIME (PST) 0014

DEPTH	OXYGEN
20	5.163
40	5.013
60	4.613
80	4.403

COASTAL ZONE OCEANOGRAPHY
 SAANICH INLET CRUISES
 DEPTH(M)--DISSOLVED OXYGEN(ML/L)

STATION 4

N48 37.30 W123 29.90
 DATE 23/11/78
 TIME (PST) 2107-2118

DEPTH	OXYGEN
20	5.053
30	4.603
50	4.723
75	3.732
100	0.340
125	0.480
150	0.160
175	0.000
200	0.000

STATION 9

N48 43.55 W123 15.55
 DATE 24/11/78
 TIME (PST) 0119-0128

DEPTH	OXYGEN
20	4.963
30	4.823
50	4.801
75	4.613
100	4.323
125	4.233
150	4.273

STATION 5

N48 39.26 W123 30.13
 DATE 23/11/78
 TIME (PST) 2158-2208

DEPTH	OXYGEN
20	5.063
30	4.983
50	4.263
75	1.141
100	0.460
125	0.480
150	0.120
175	0.000

COASTAL ZONE OCEANOGRAPHY
 SAANICH INLET CRUISES
 DEPTH(M)--DISSOLVED OXYGEN(ML/L)

STATION 6

N48 41.58 W123 30.15

DATE 14/12/78

TIME (PST) 2054

DEPTH	OXYGEN
20	4.761
30	4.771
50	4.820
70	4.543

STATION 7

N48 43.75 W123 32.46

DATE 14/12/78

TIME (PST) 2009-2012

DEPTH	OXYGEN
20	4.791
30	4.820
50	5.019
75	4.959
100	4.919

STATION 3

N48 35.33 W123 30.13

DATE 14/12/78

TIME (PST) 2323-2345

DEPTH	OXYGEN
20	4.473
30	4.285
50	4.265
75	3.610
100	0.625
125	0.793
150	0.000
175	0.000
200	0.000

STATION 8

N48 43.40 W123 25.07

DATE 14/12/78

TIME (PST) 1920

DEPTH	OXYGEN
20	4.959
40	5.078
60	5.078
80	5.019

COASTAL ZONE OCEANOGRAPHY
 SAANICH INLET CRUISES
 DEPTH(M)--DISSOLVED OXYGEN(ML/L)

STATION 4

N48 37.30 W123 29.90
 DATE 14/12/78
 TIME (PST) 2225-2248

DEPTH	OXYGEN
20	4.424
30	4.344
50	4.572
75	3.491
100	1.379
125	0.317
150	0.337
175	0.179
200	0.000

STATION 9

N48 43.55 W123 15.55
 DATE 14/12/78
 TIME (PST) 1746-1758

DEPTH	OXYGEN
20	5.138
30	5.118
50	5.108
75	4.880
100	4.681
125	4.681
150	4.562

STATION 5

N48 39.26 W123 30.13
 DATE 14/12/78
 TIME (PST) 2133-2145

DEPTH	OXYGEN
20	4.681
30	4.751
50	4.275
75	3.432
100	1.726
125	0.555
150	0.426
175	0.347

FIGURES

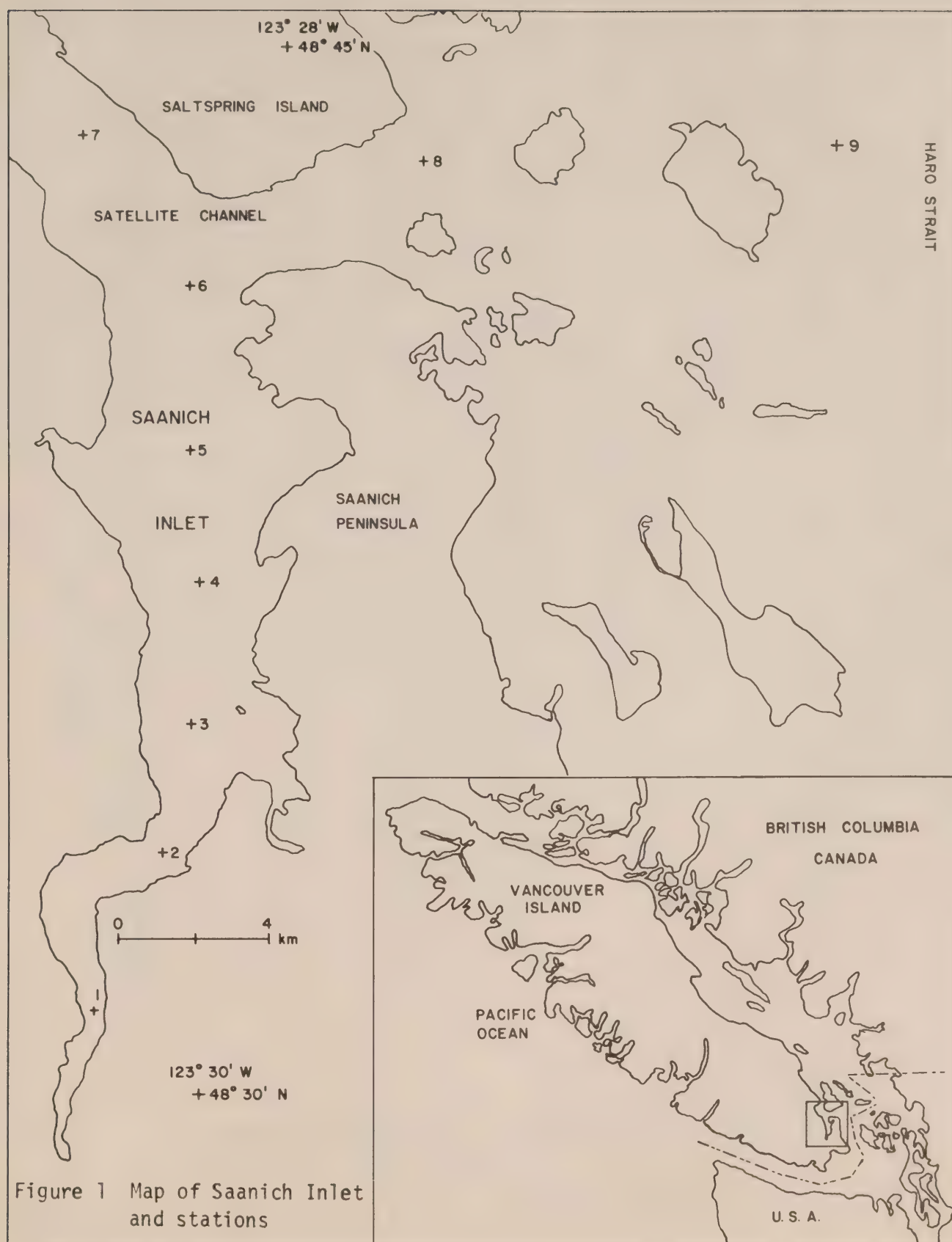


Figure 1 Map of Saanich Inlet and stations

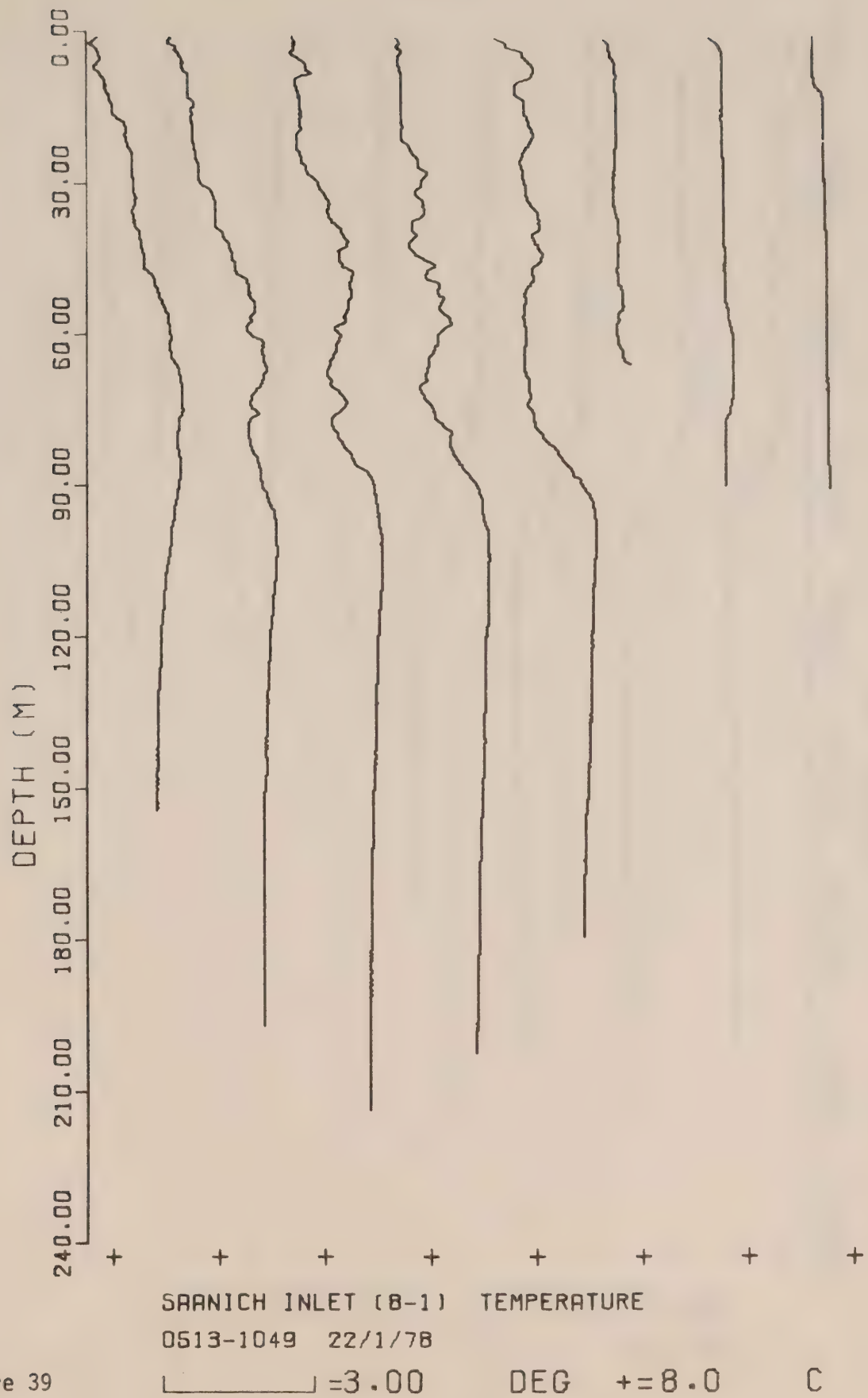
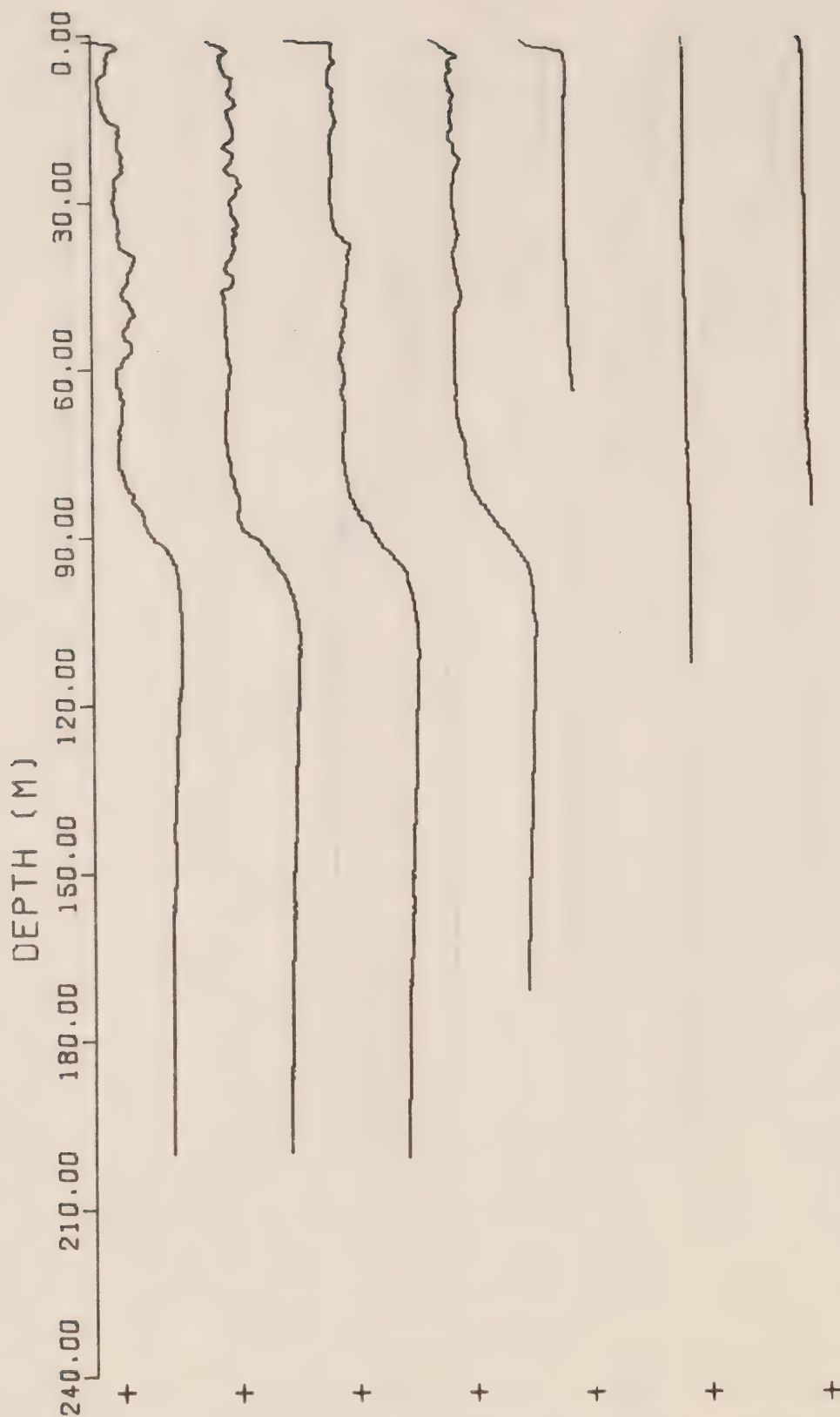


Figure 39



SAANICH INLET (B-2) TEMPERATURE

0929-1349 21/2/78

└──────────┘ = 3.00

DEG ± 8.0

C

Figure 40

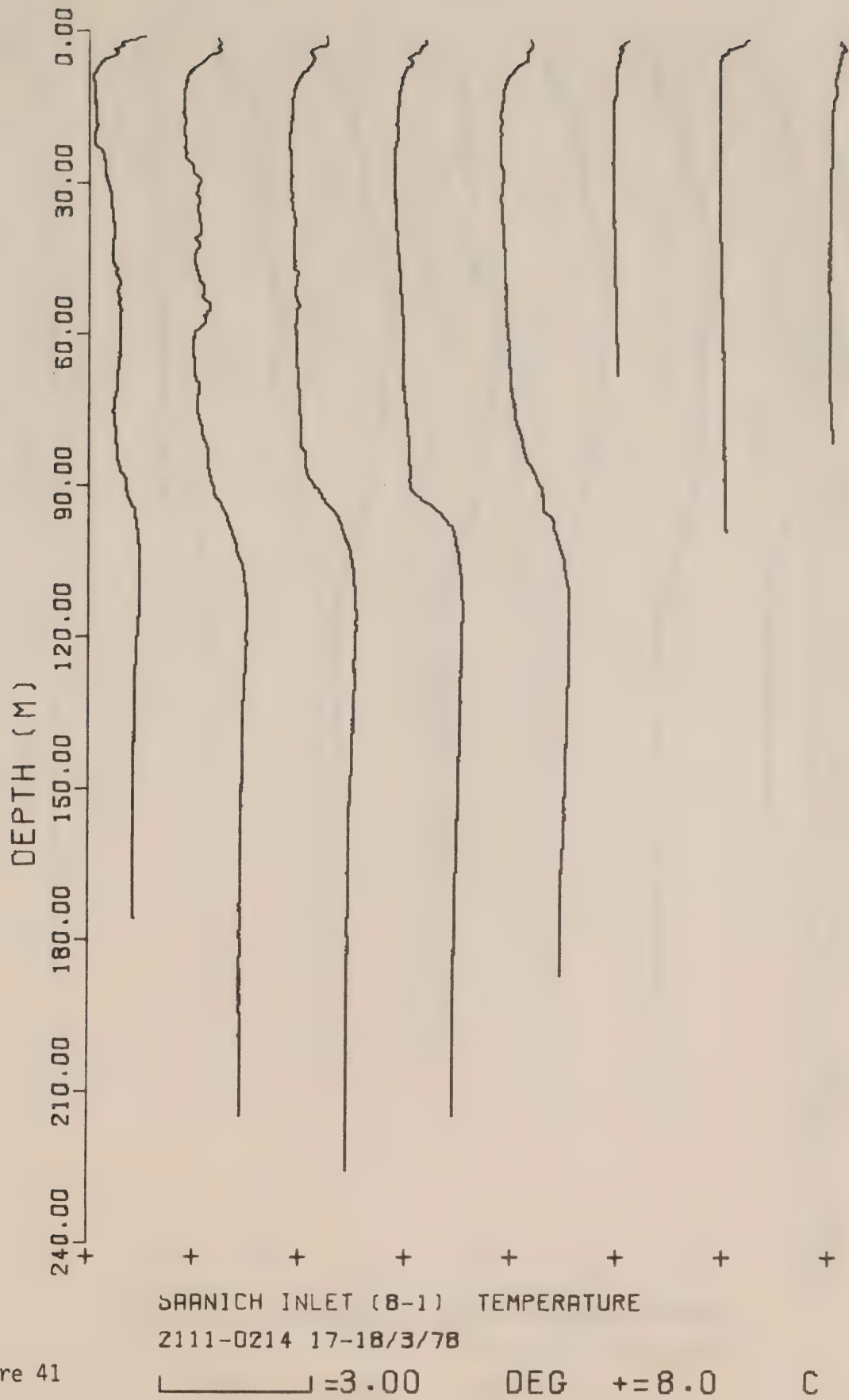


Figure 41

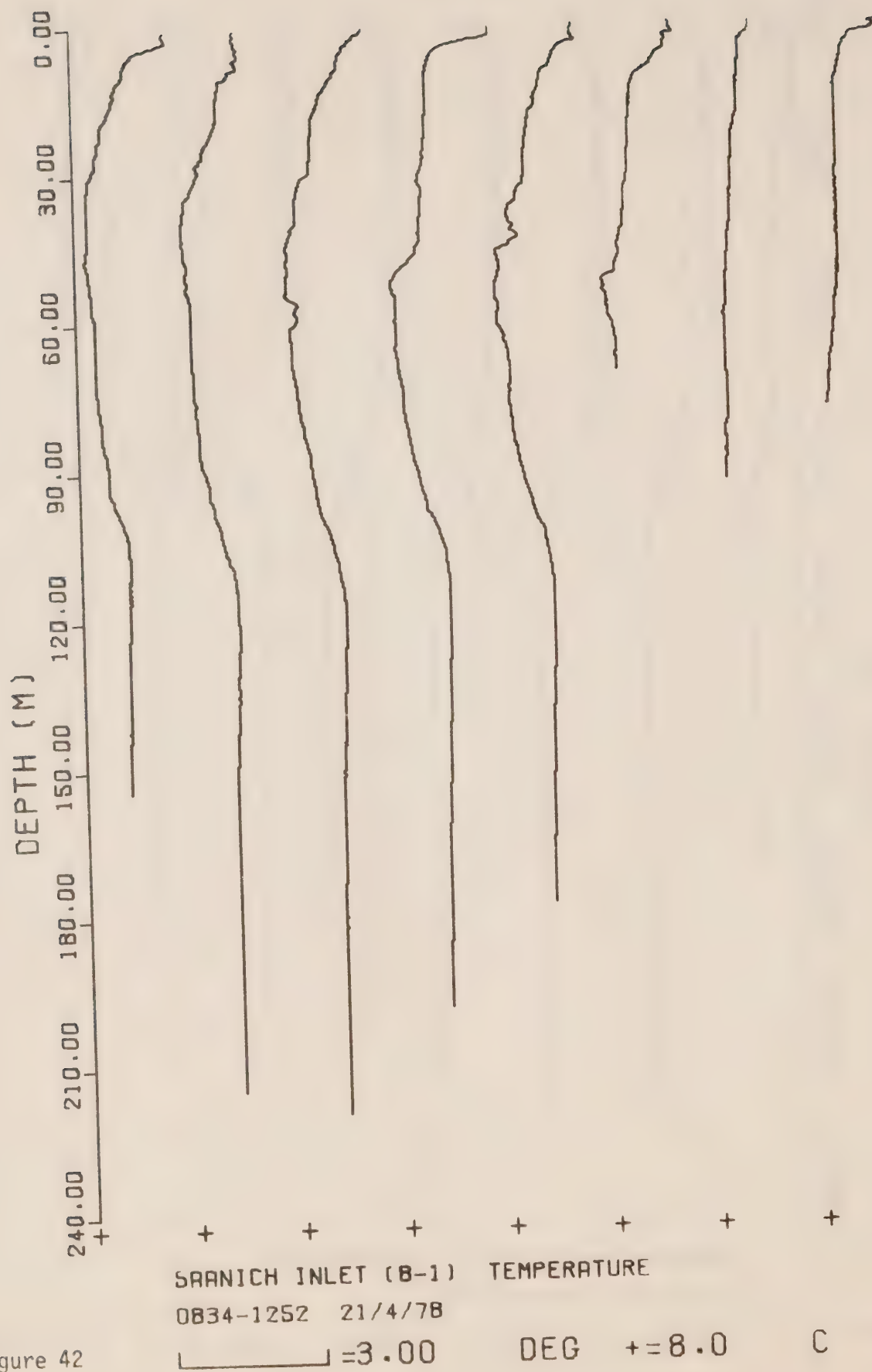


Figure 42

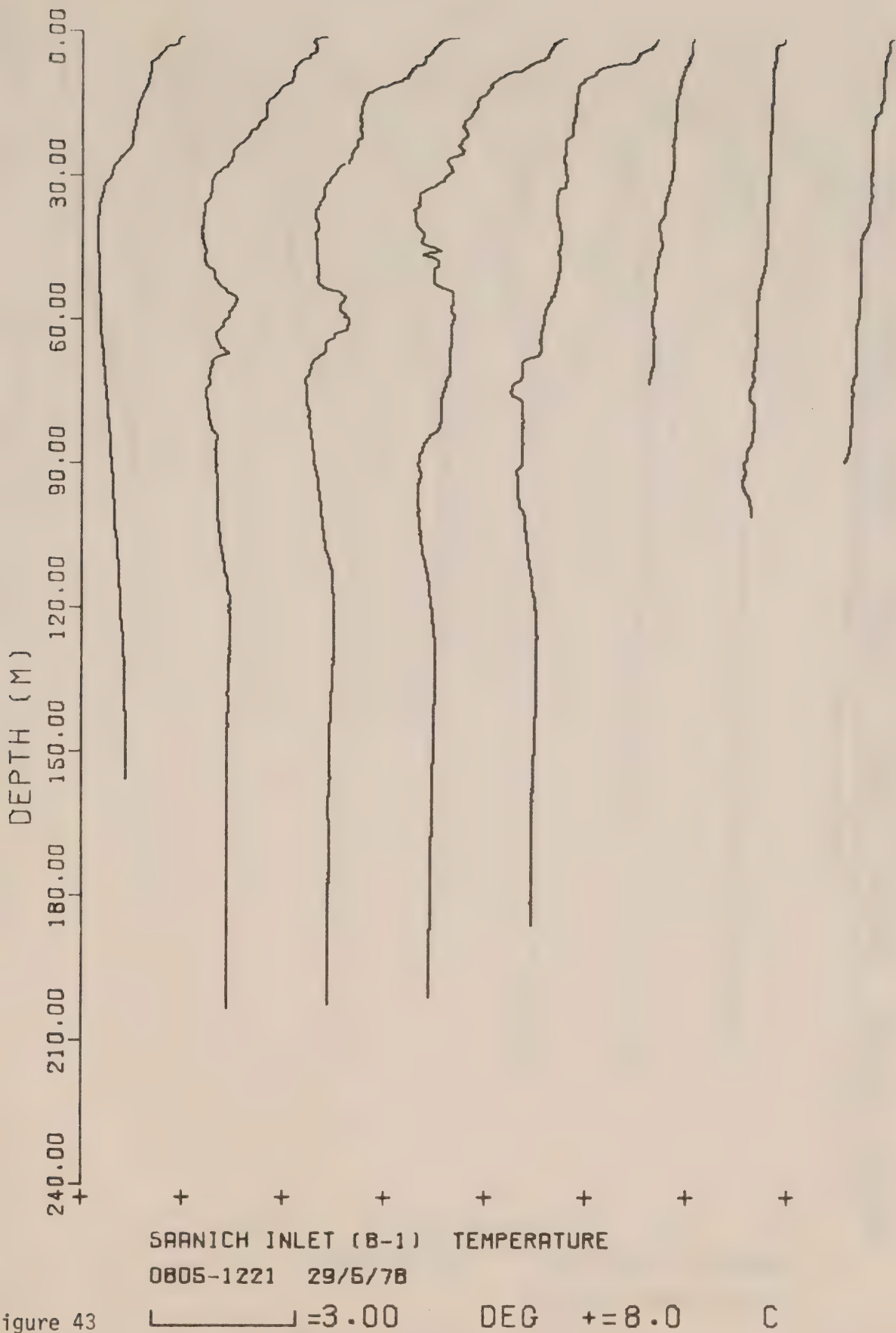


Figure 43

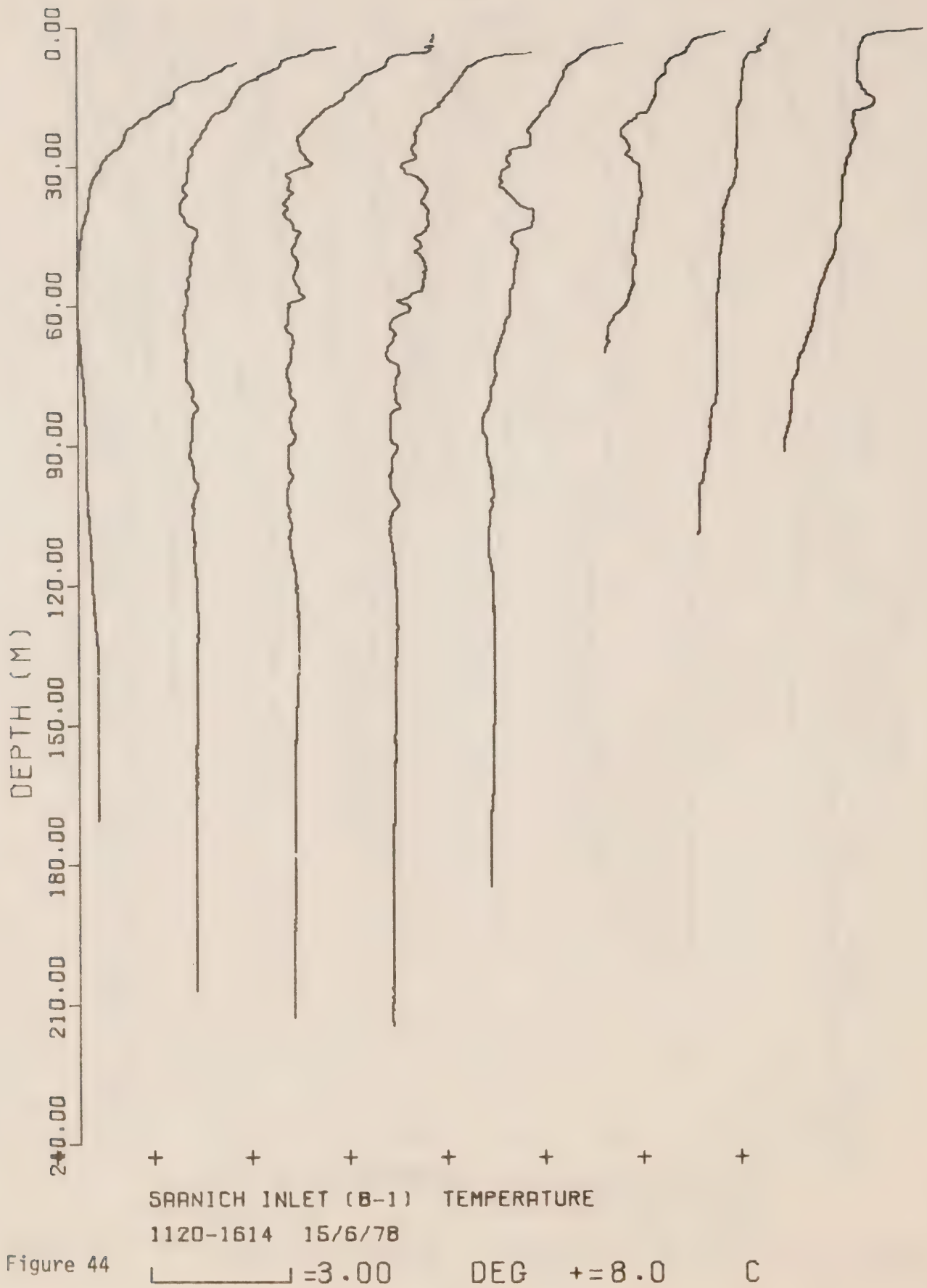


Figure 44

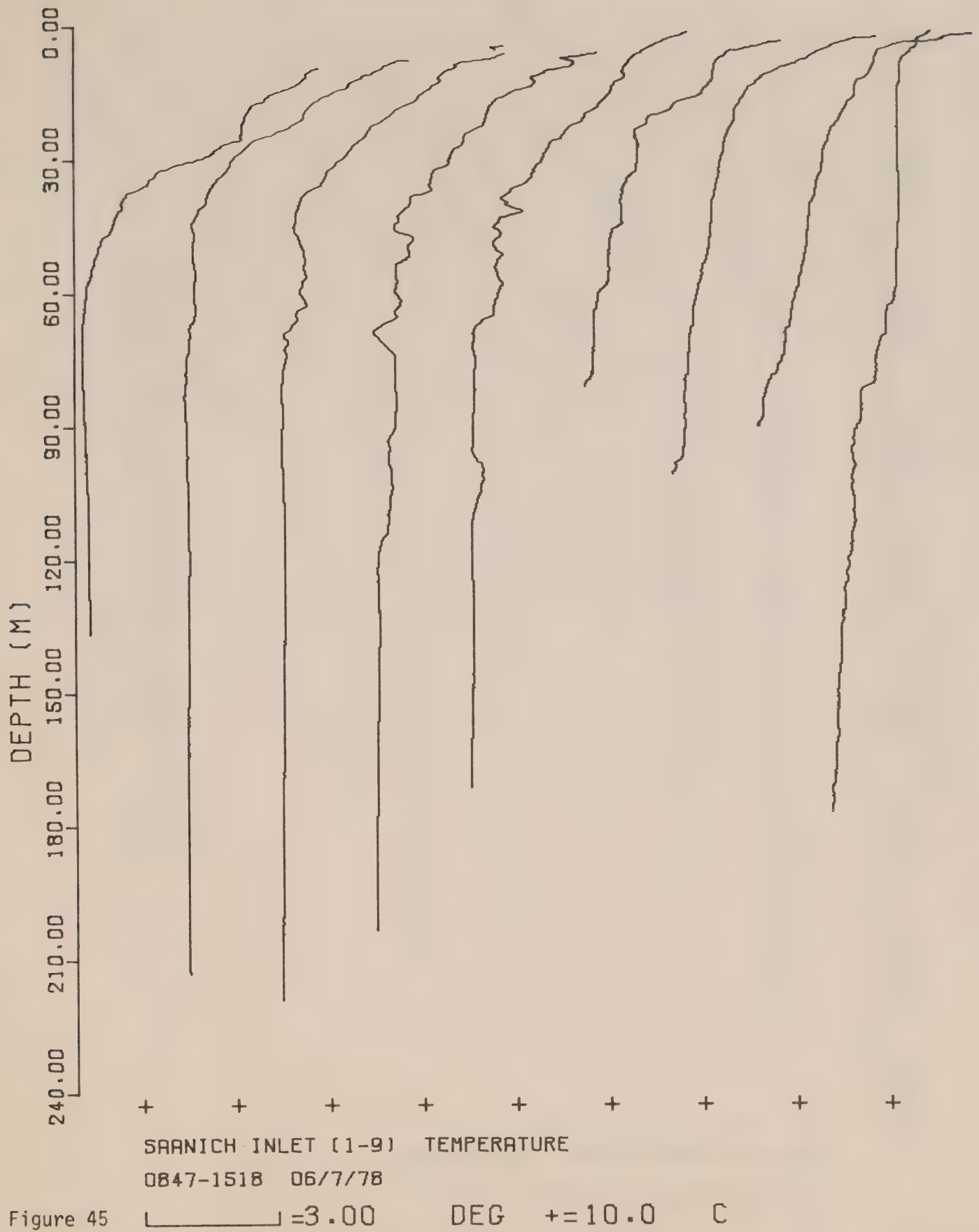
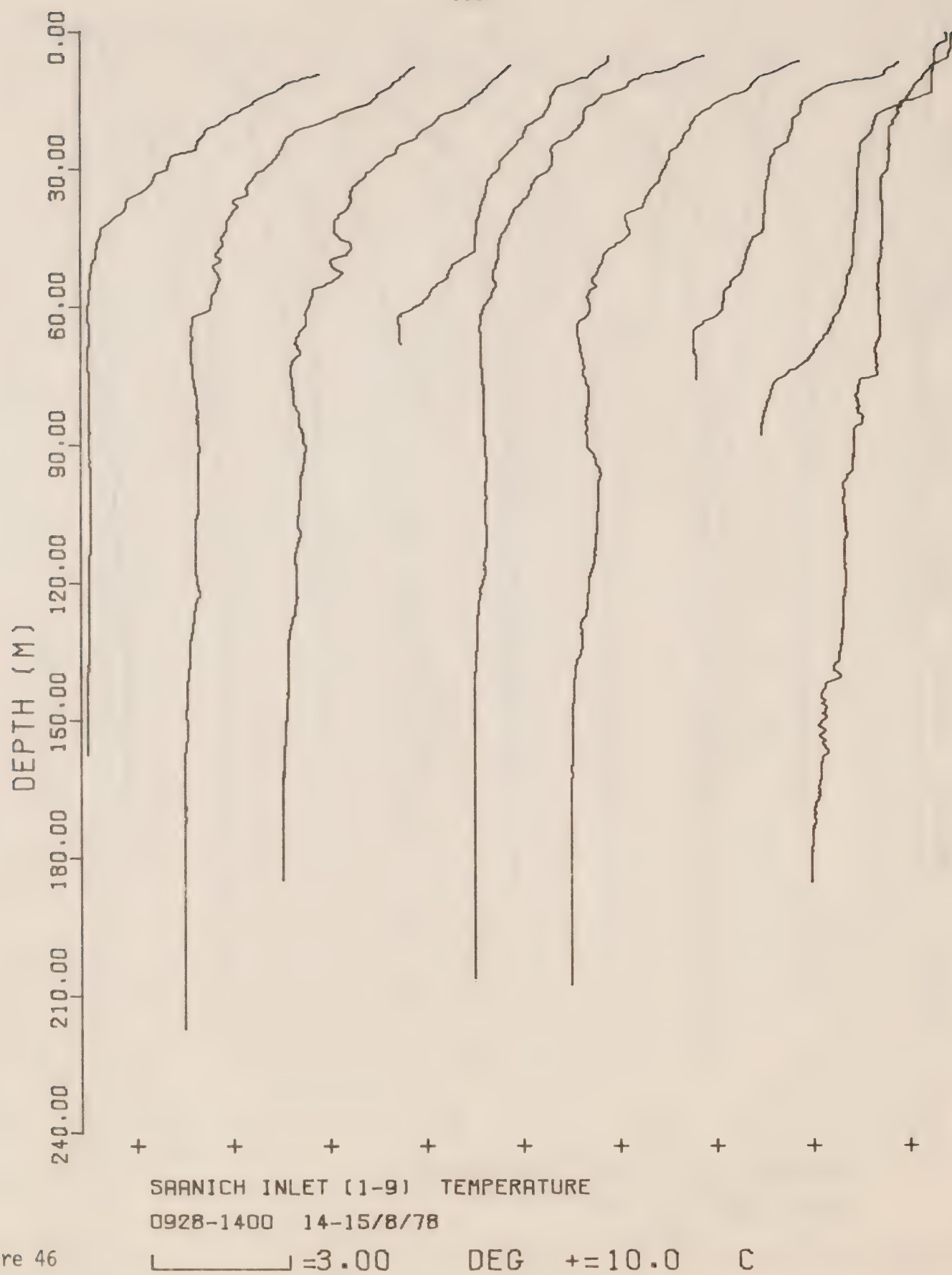


Figure 45



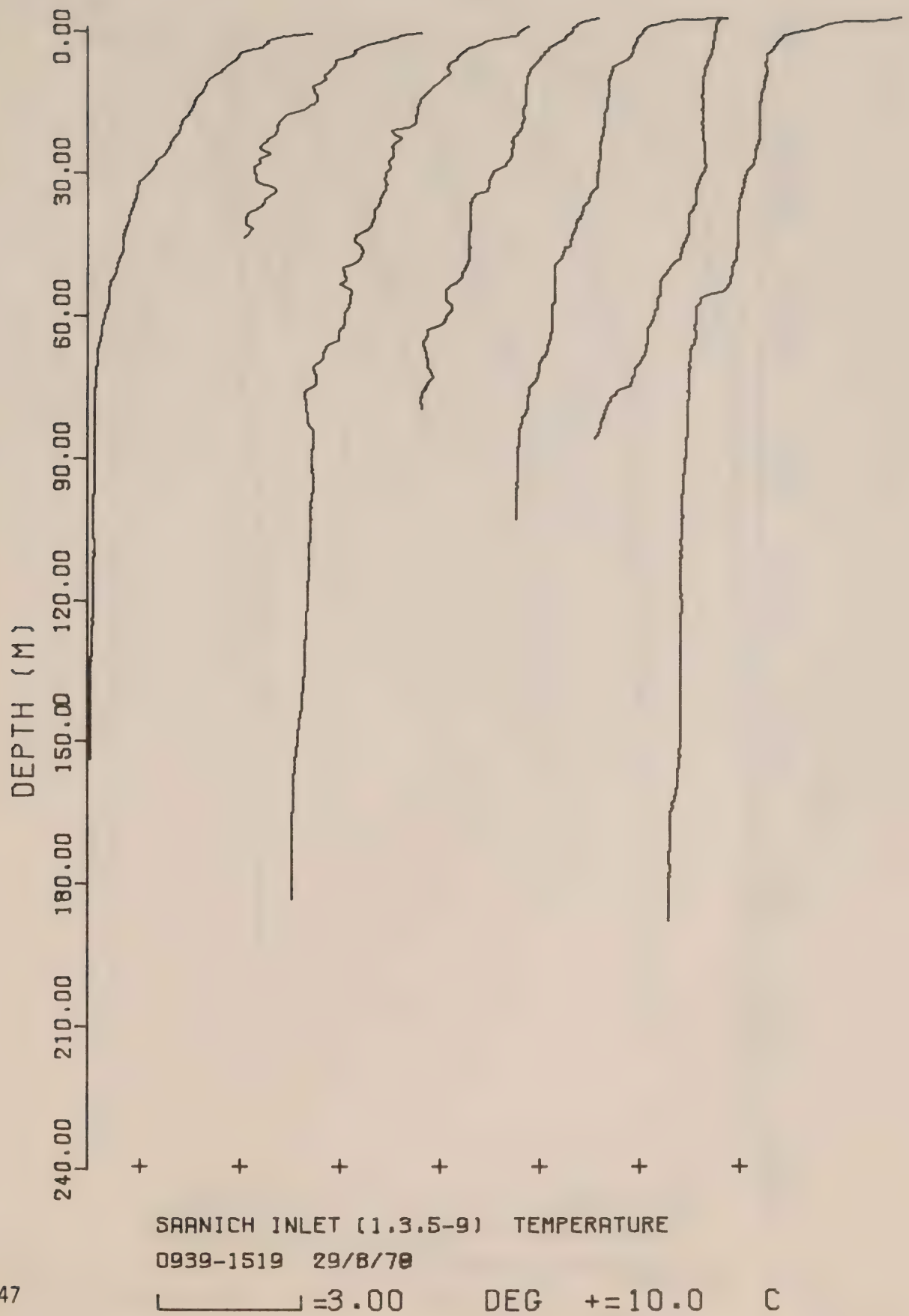
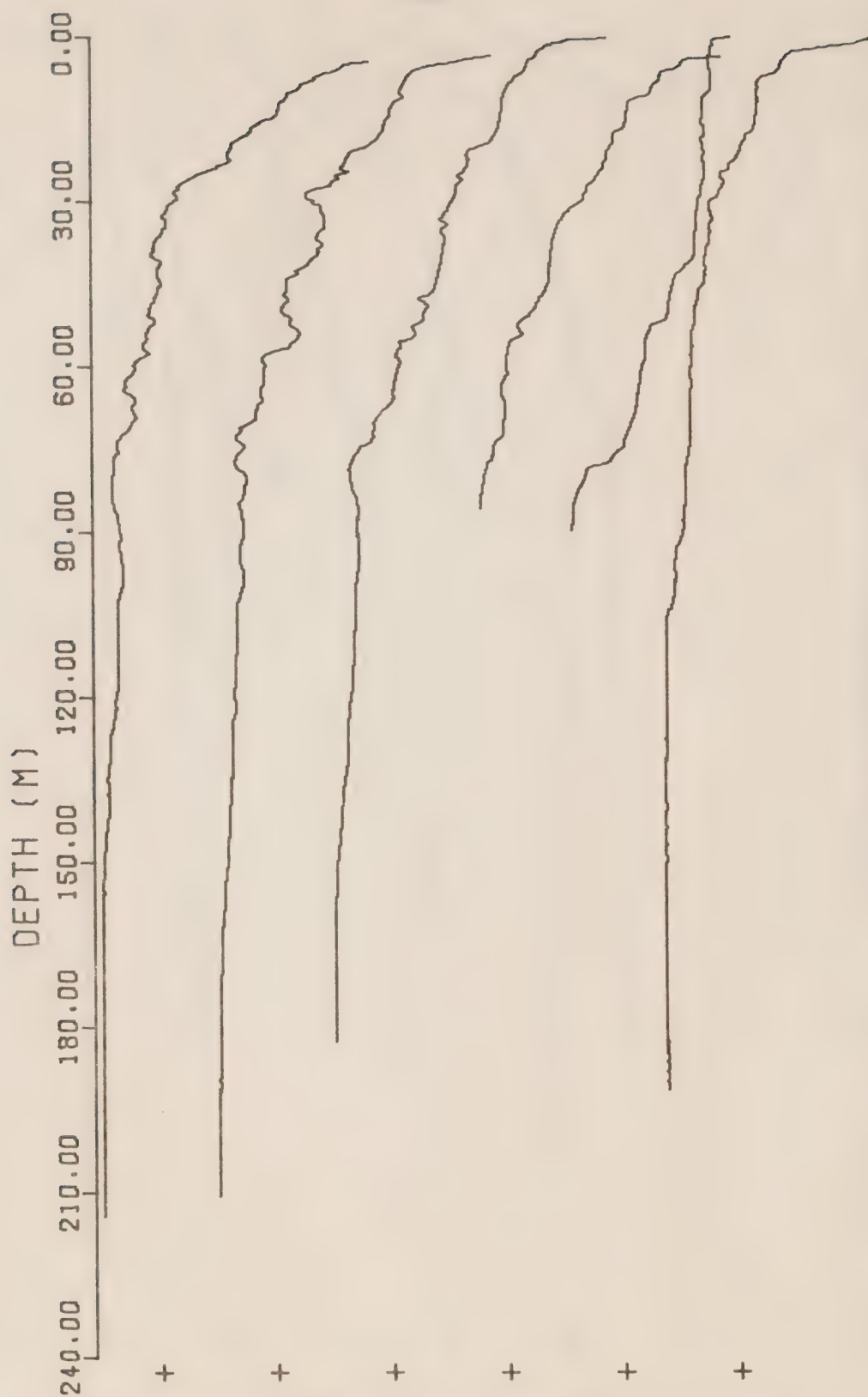


Figure 47



SAANICH INLET (2.4-6.8.9) TEMPERATURE

0946-1431 30/8/78

└──────────┘ = 3.00

DEG ± 10.0 C

Figure 48

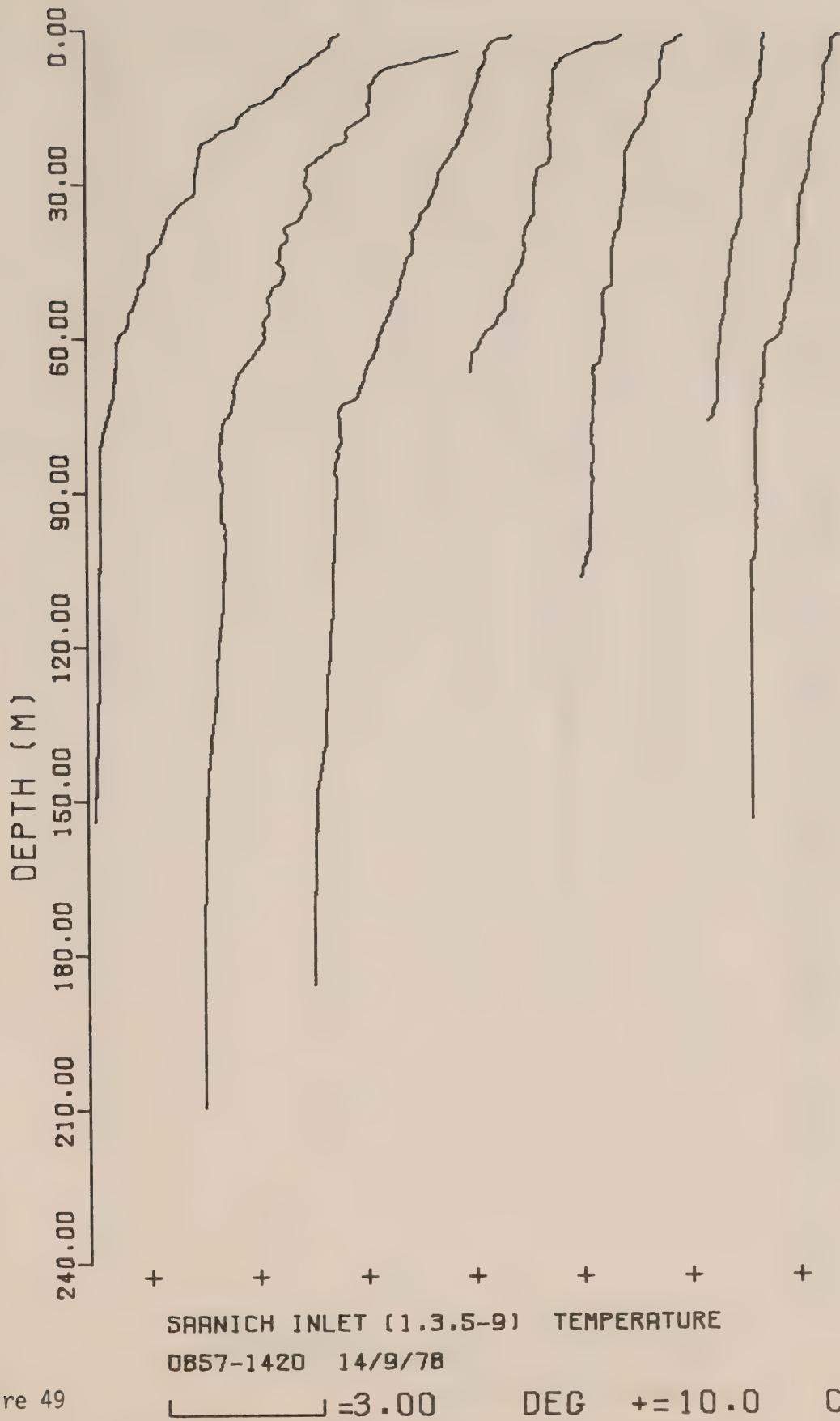


Figure 49

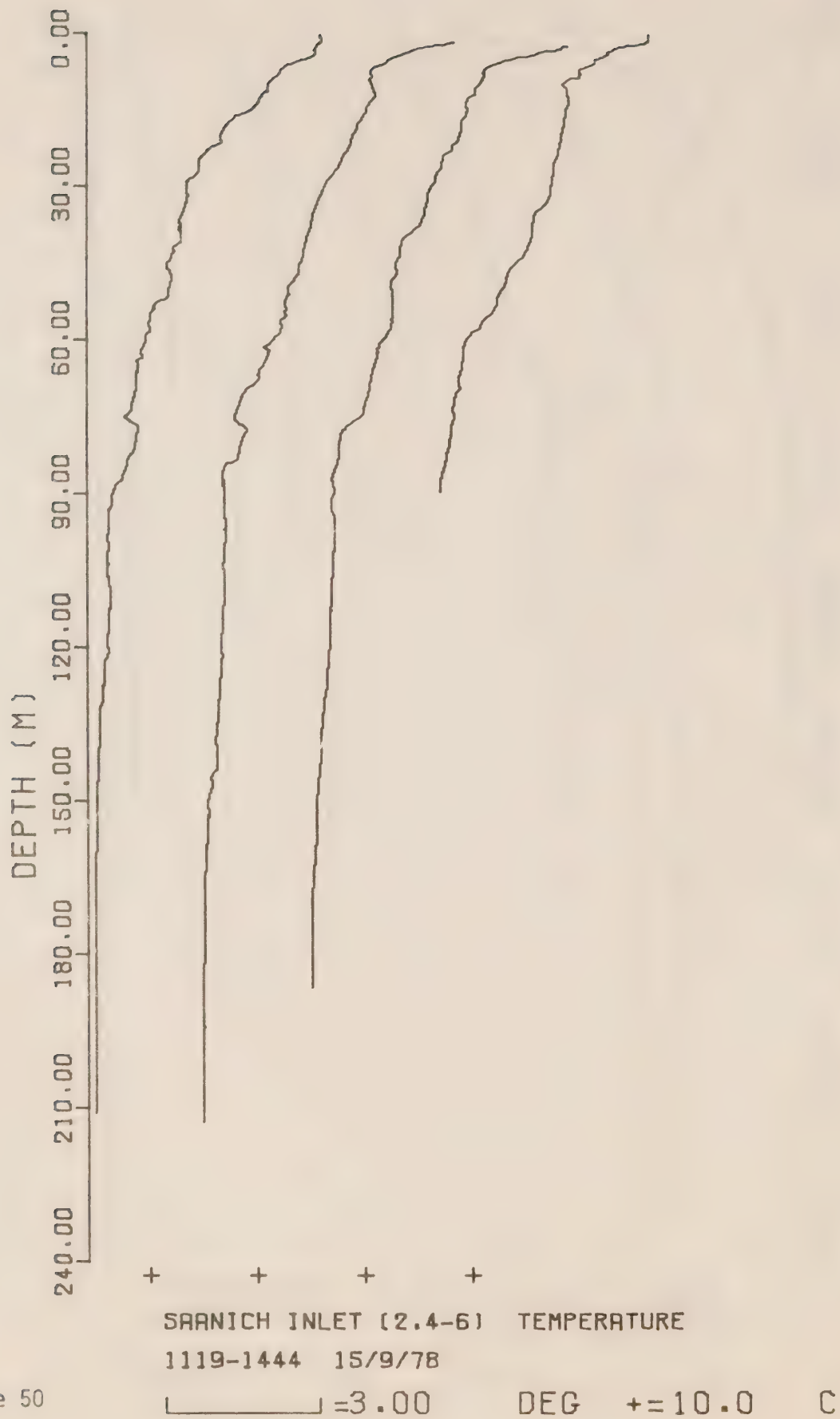


Figure 50

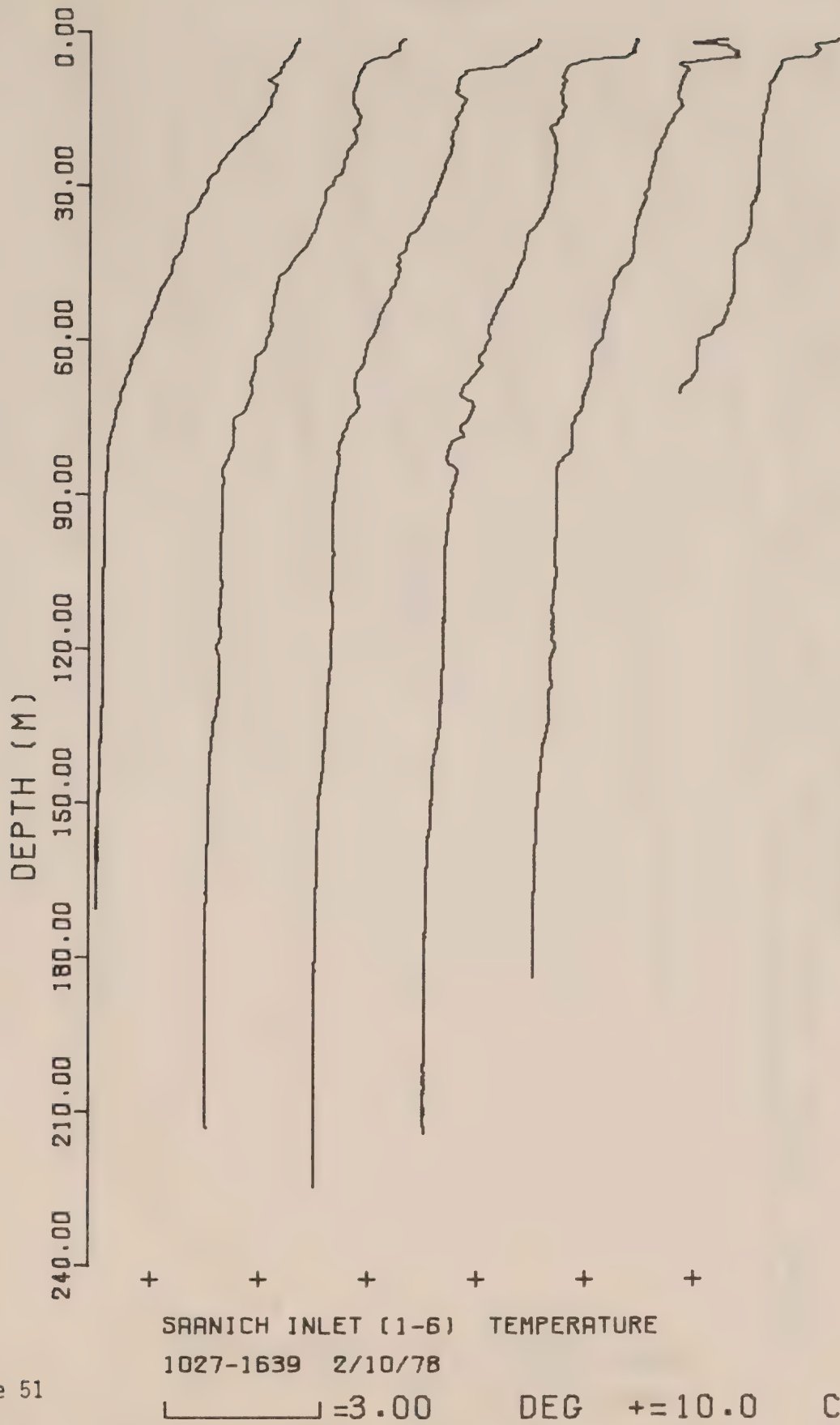


Figure 51

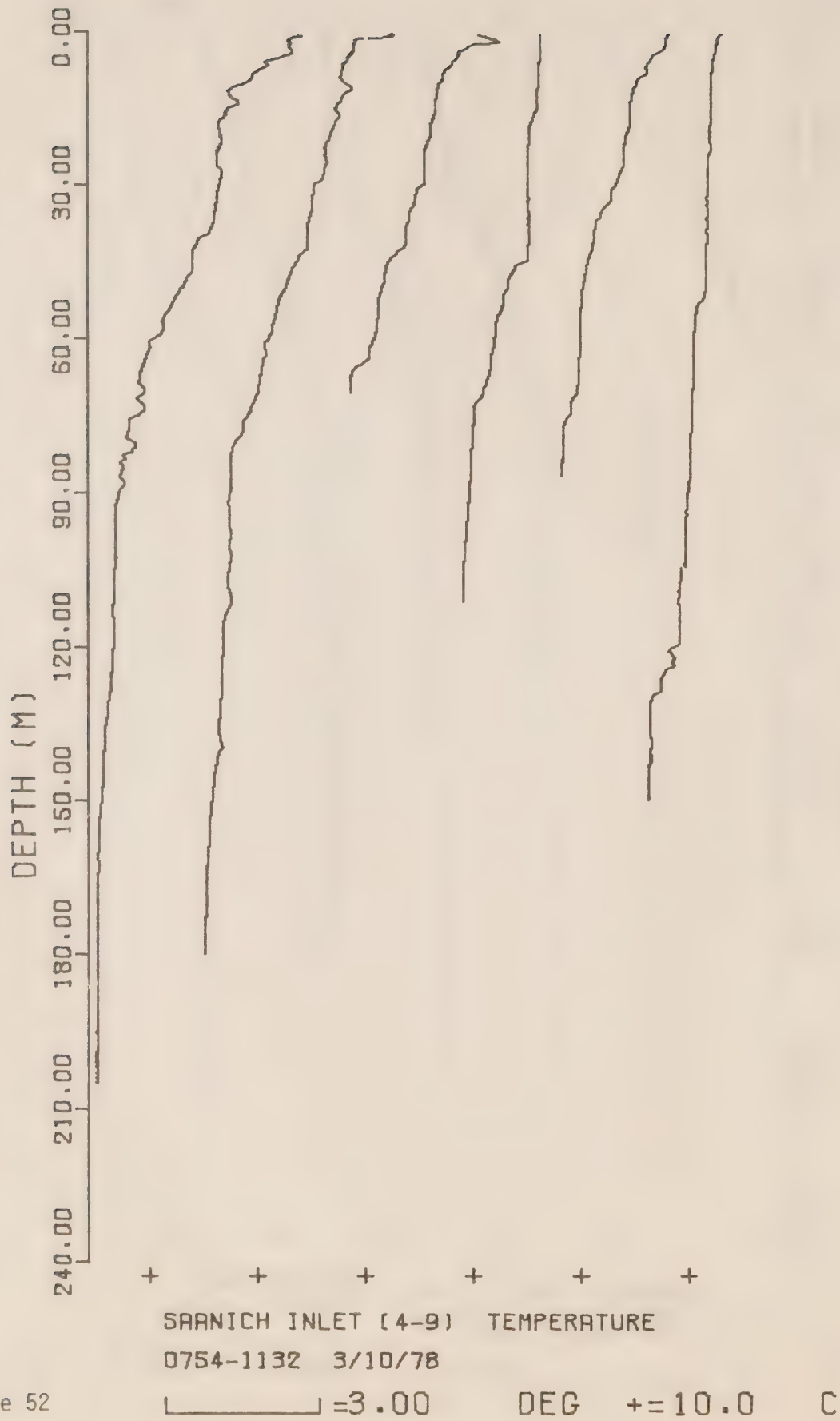


Figure 52

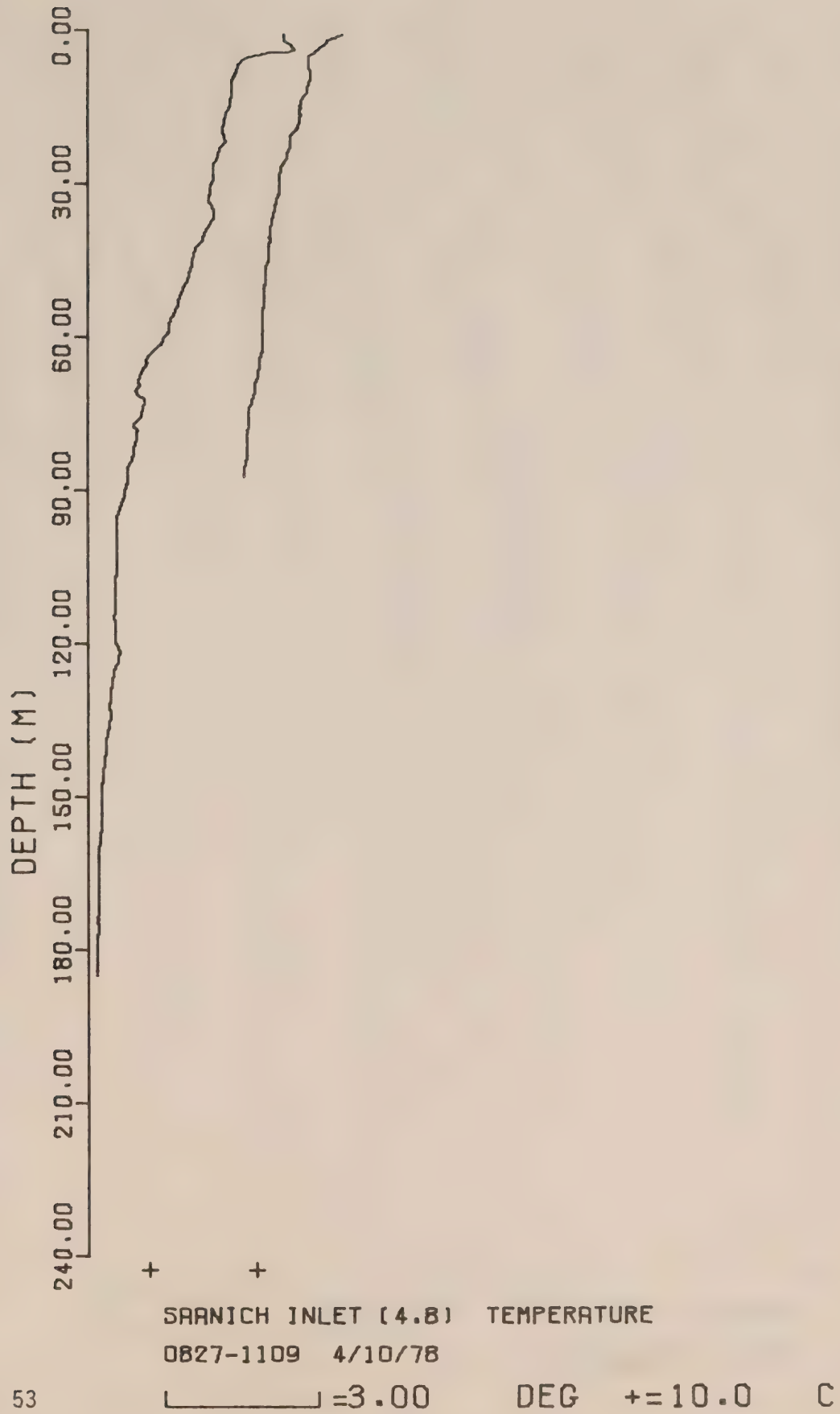
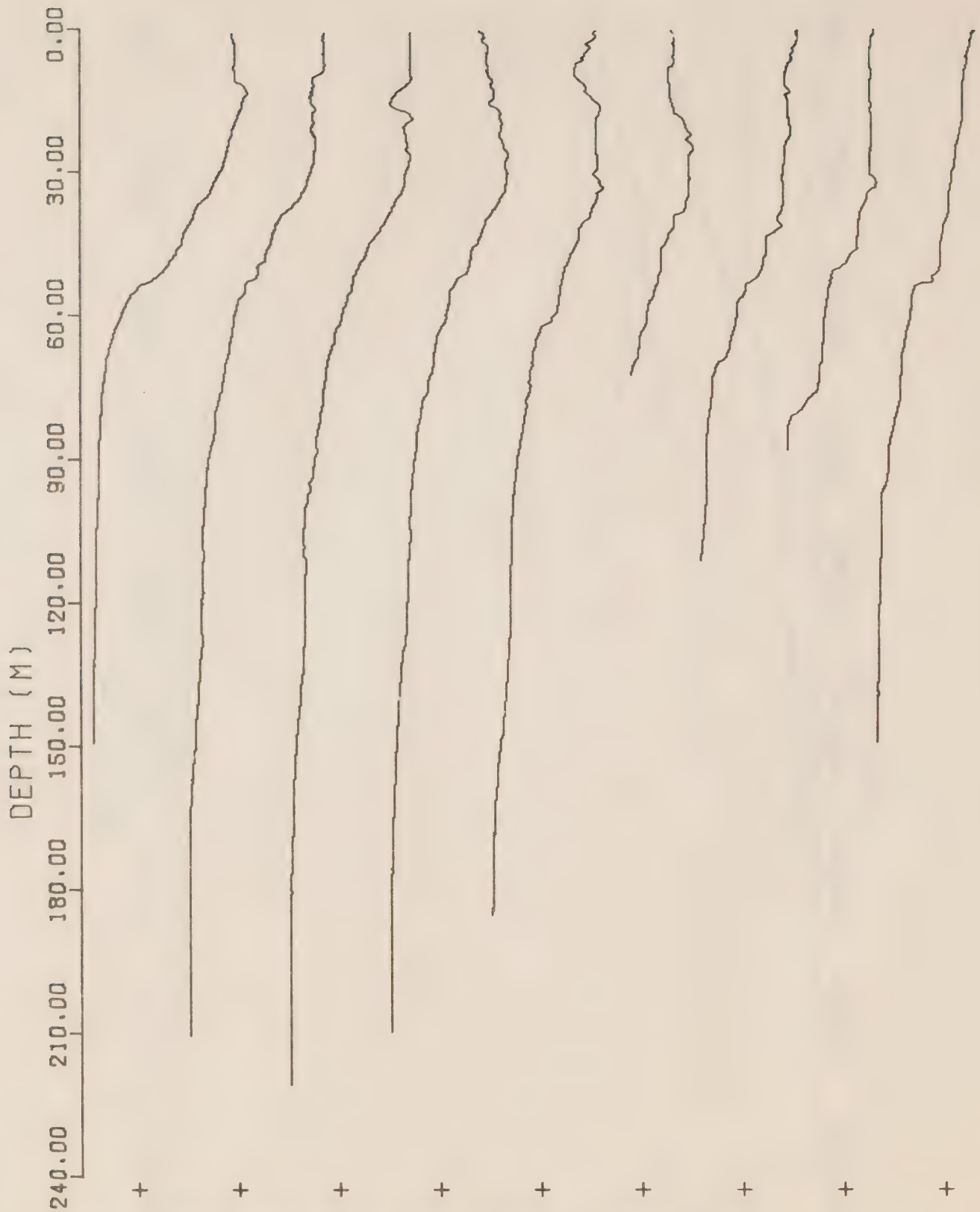


Figure 53



SAANICH INLET (1-9) TEMPERATURE

0726-1548 25/10/78

Figure 54

— = 3.00 DEG ± 10.0 C

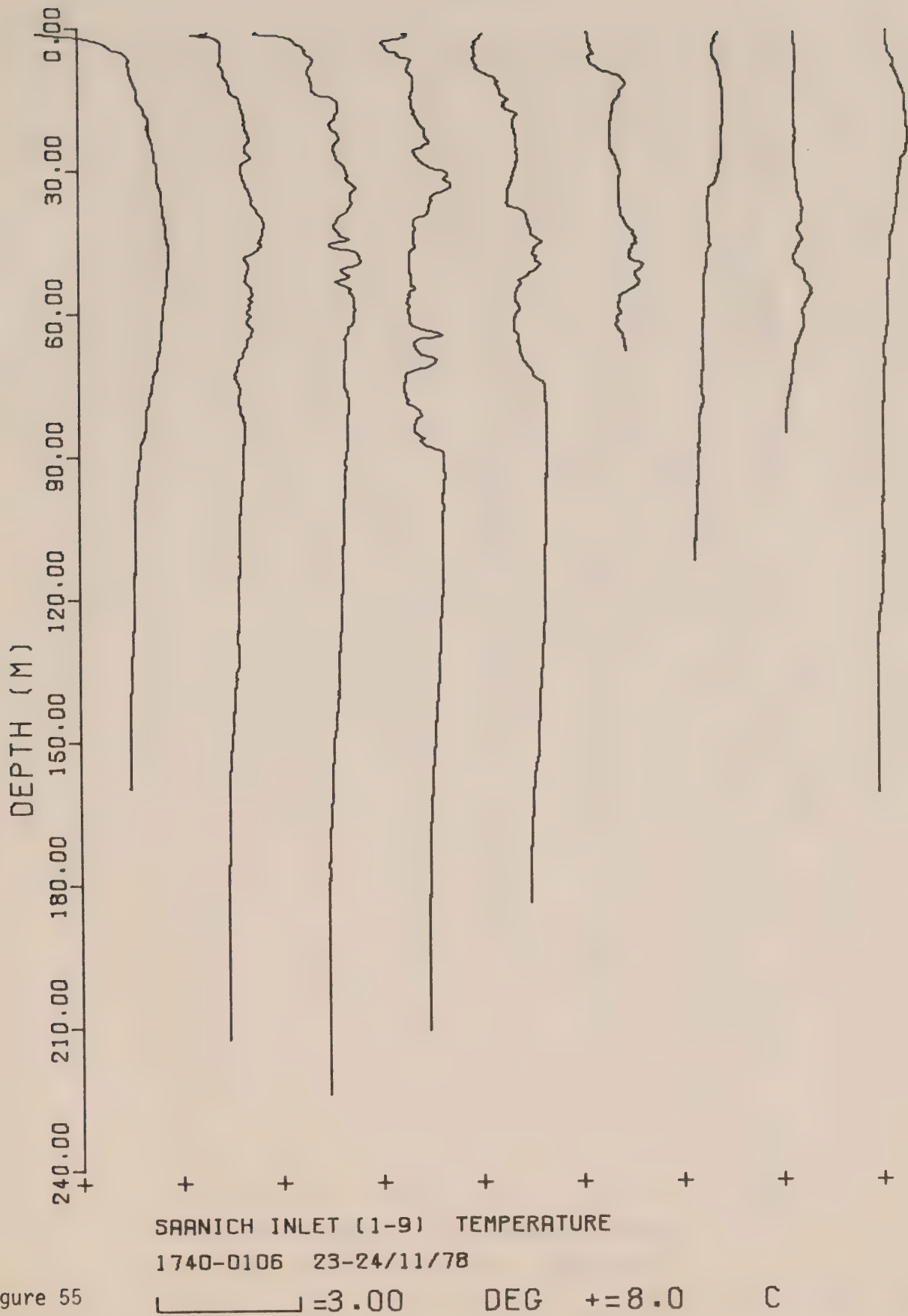


Figure 55

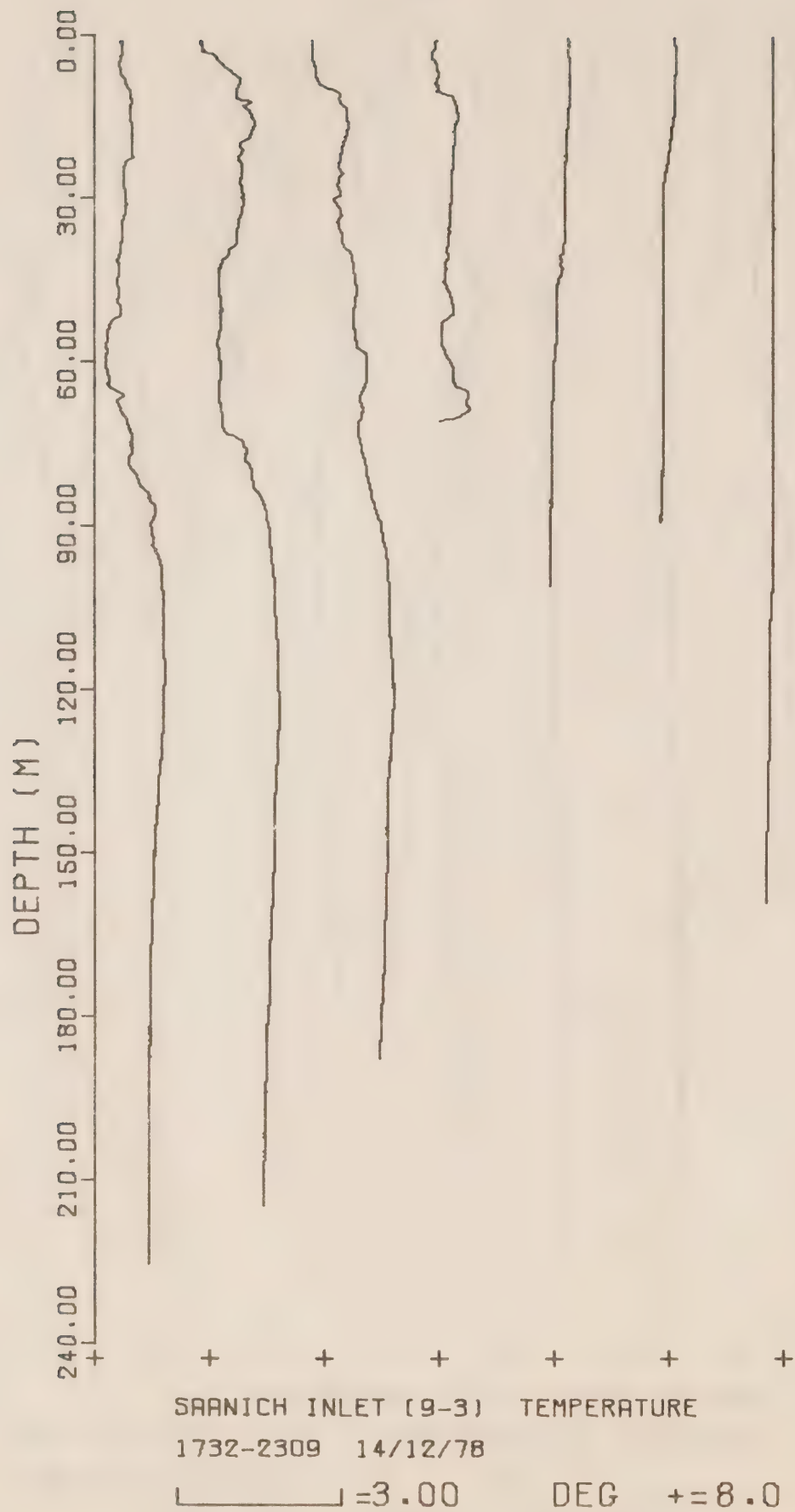


Figure 56

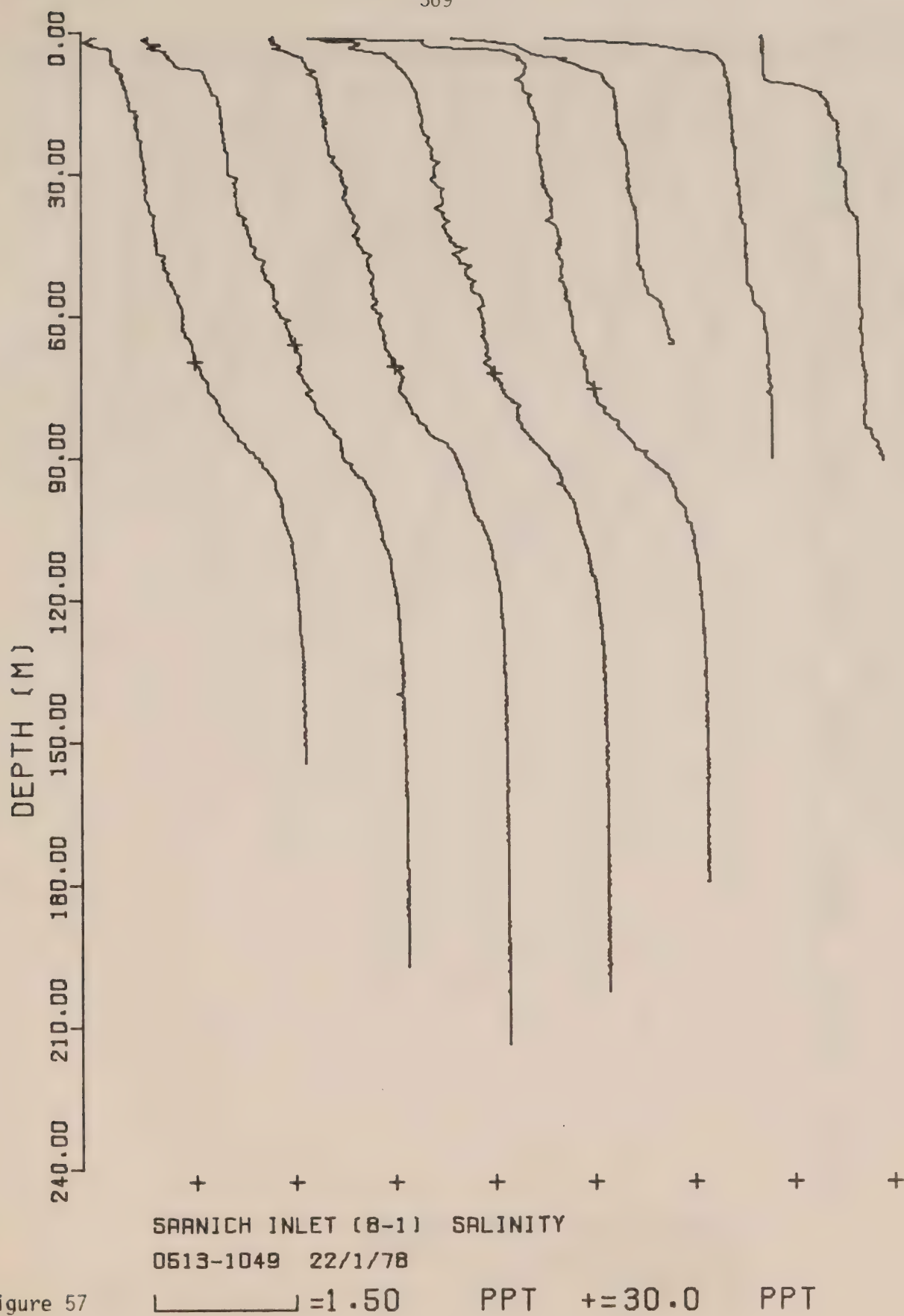


Figure 57

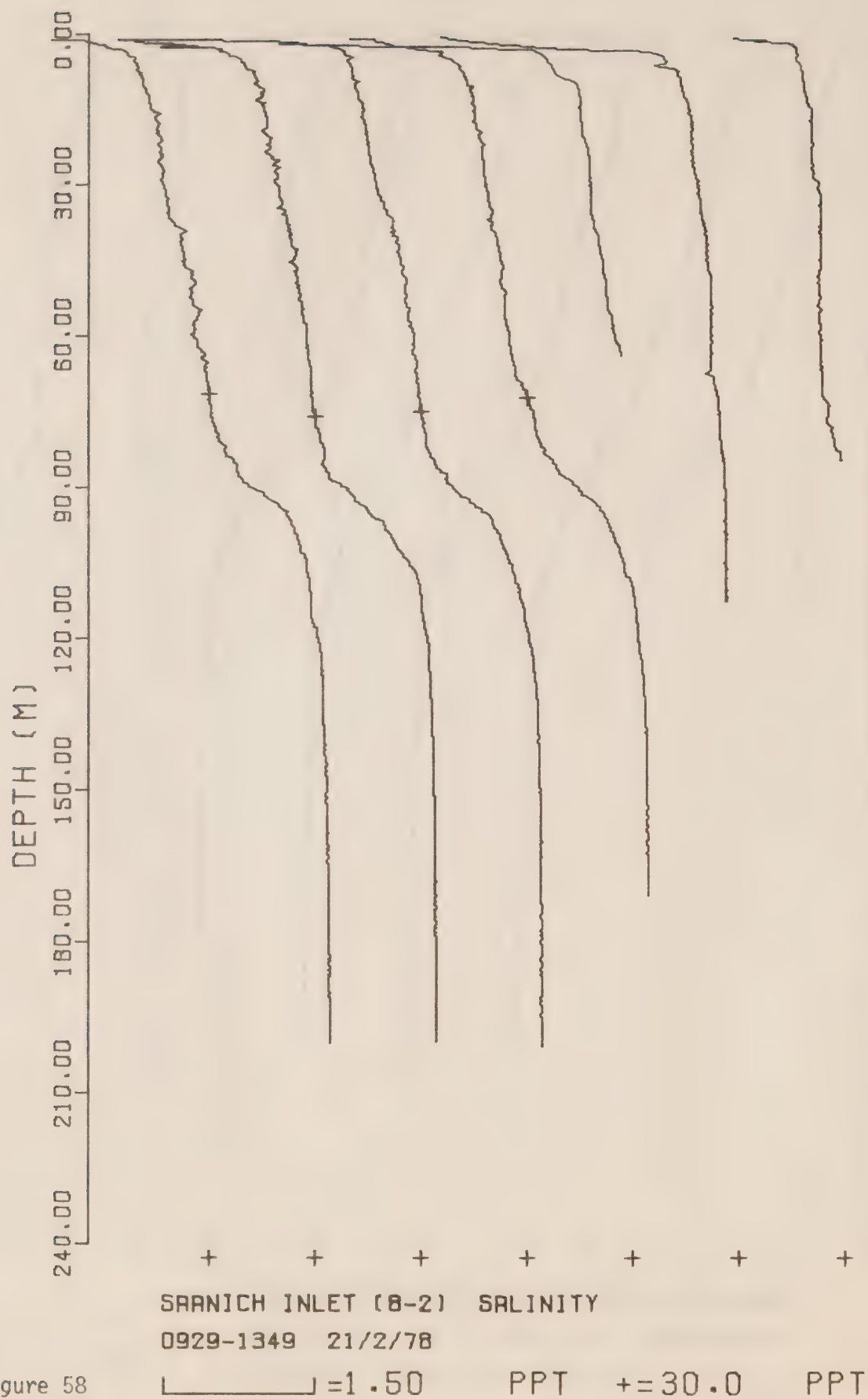


Figure 58

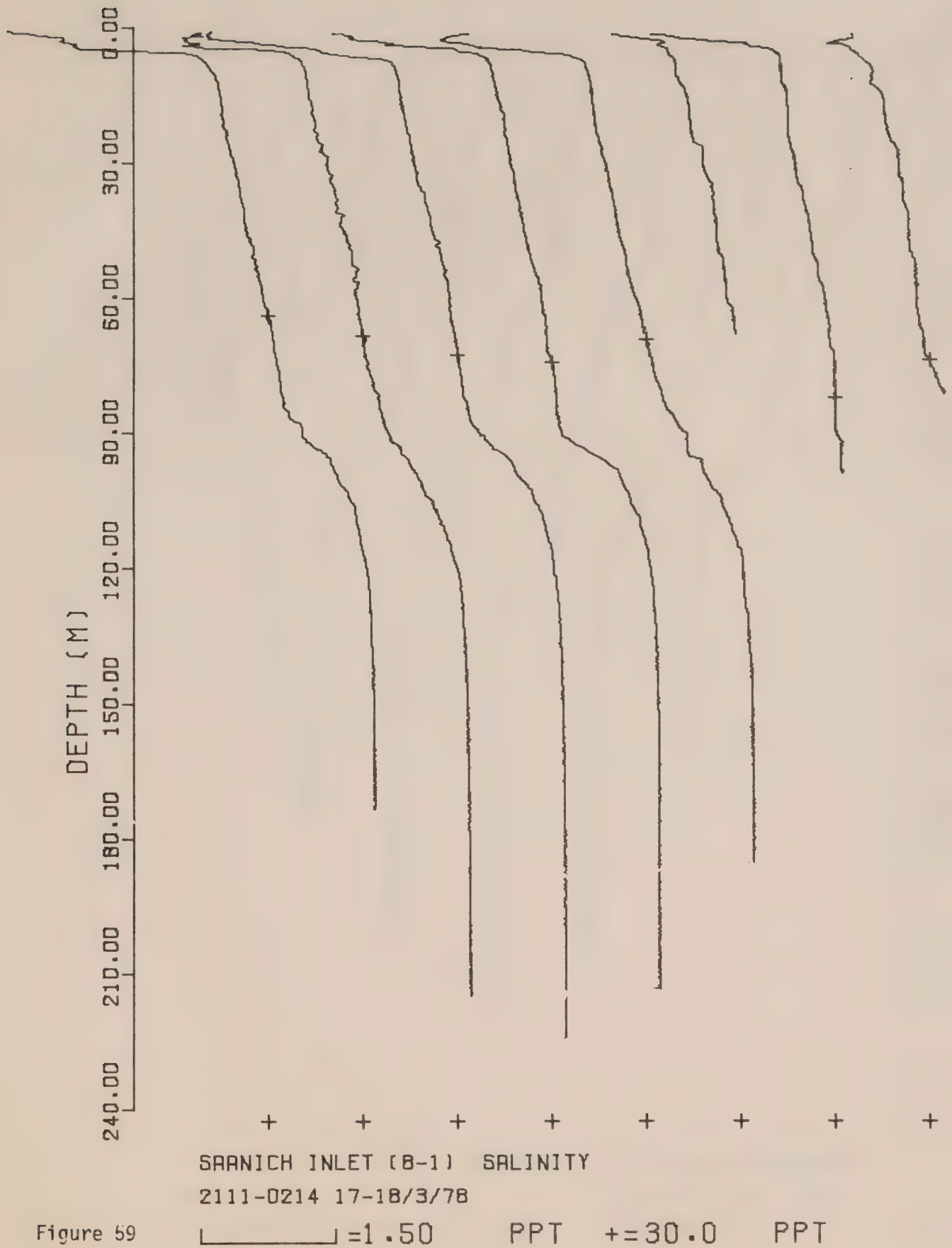
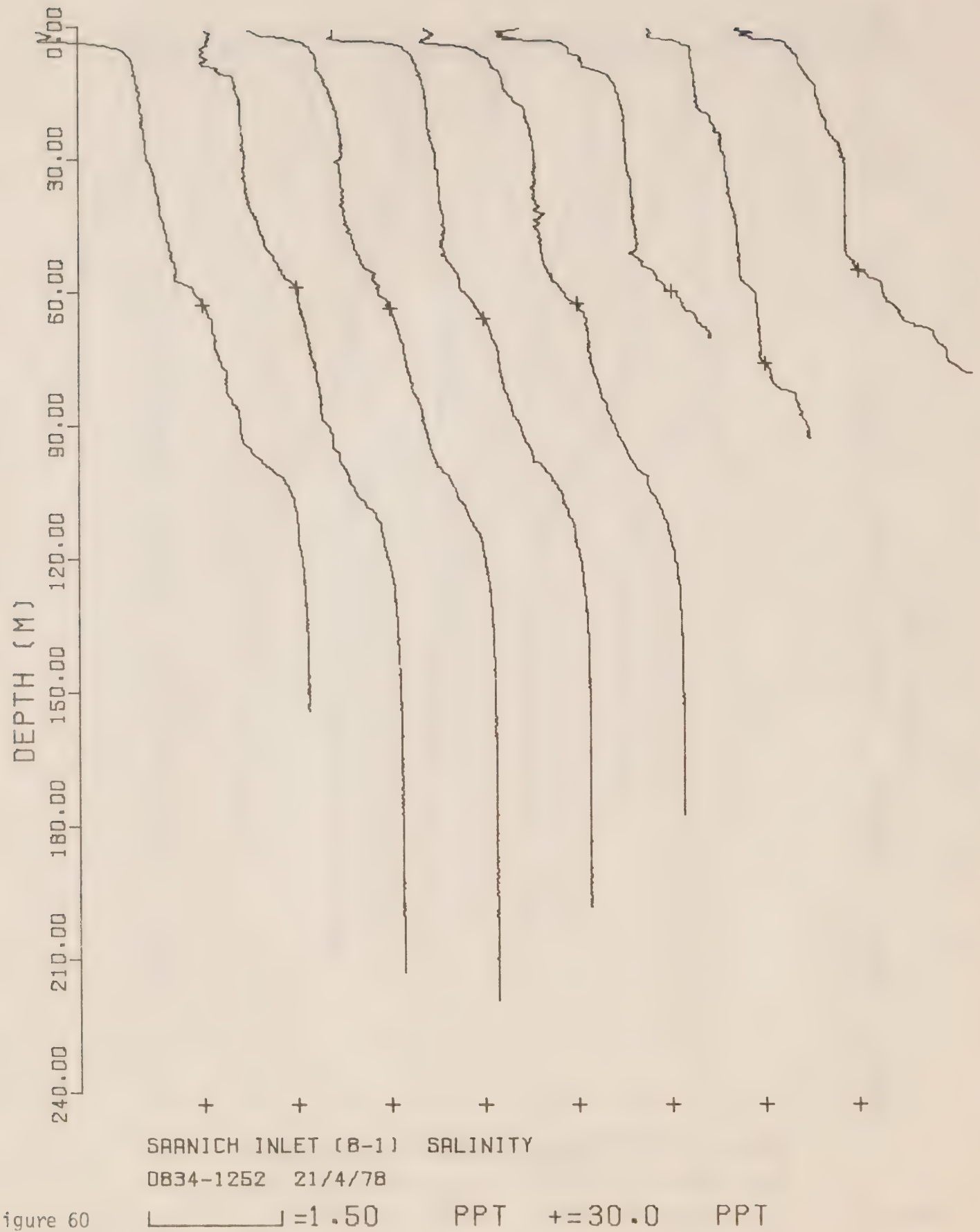


Figure 59



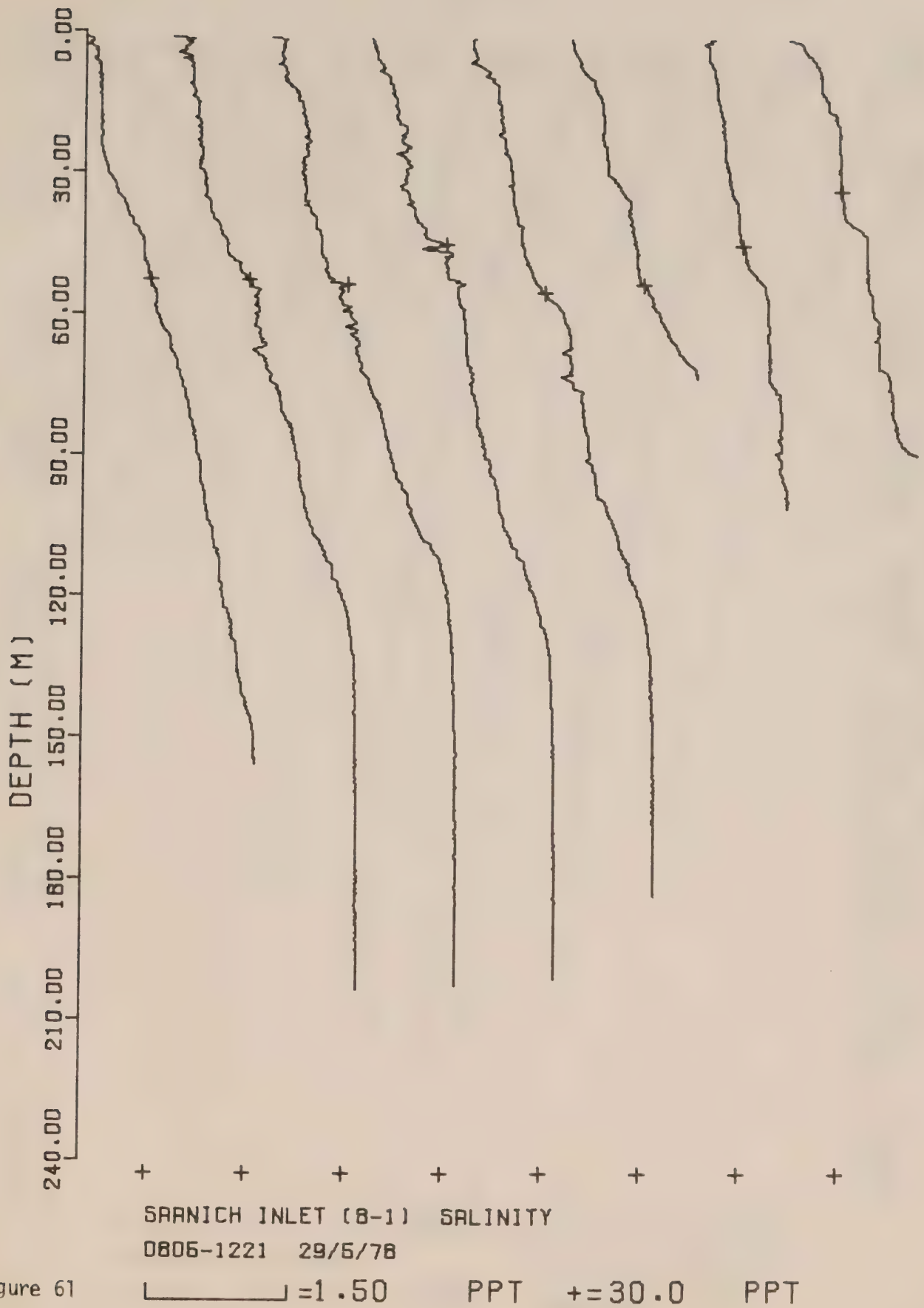


Figure 61

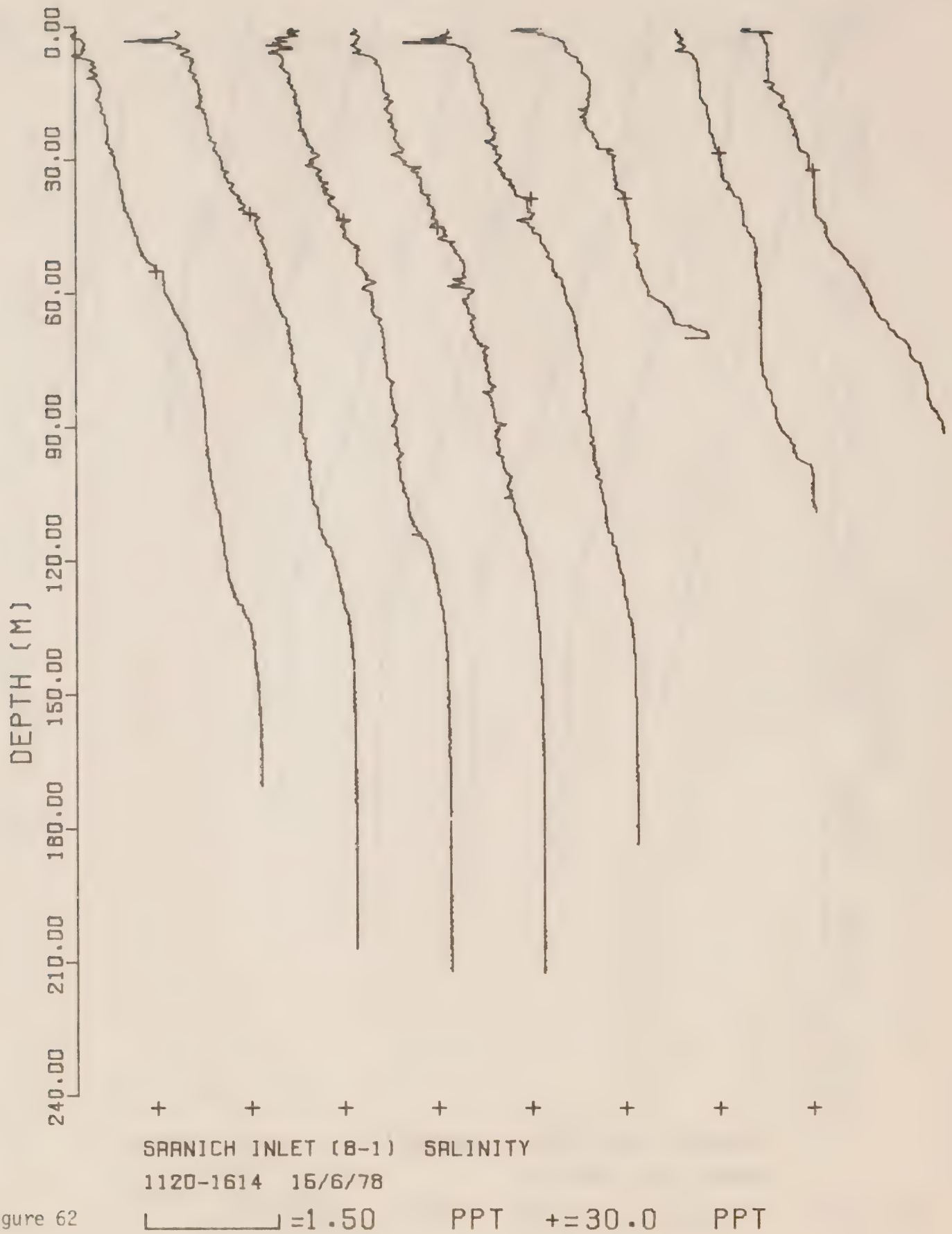


Figure 62

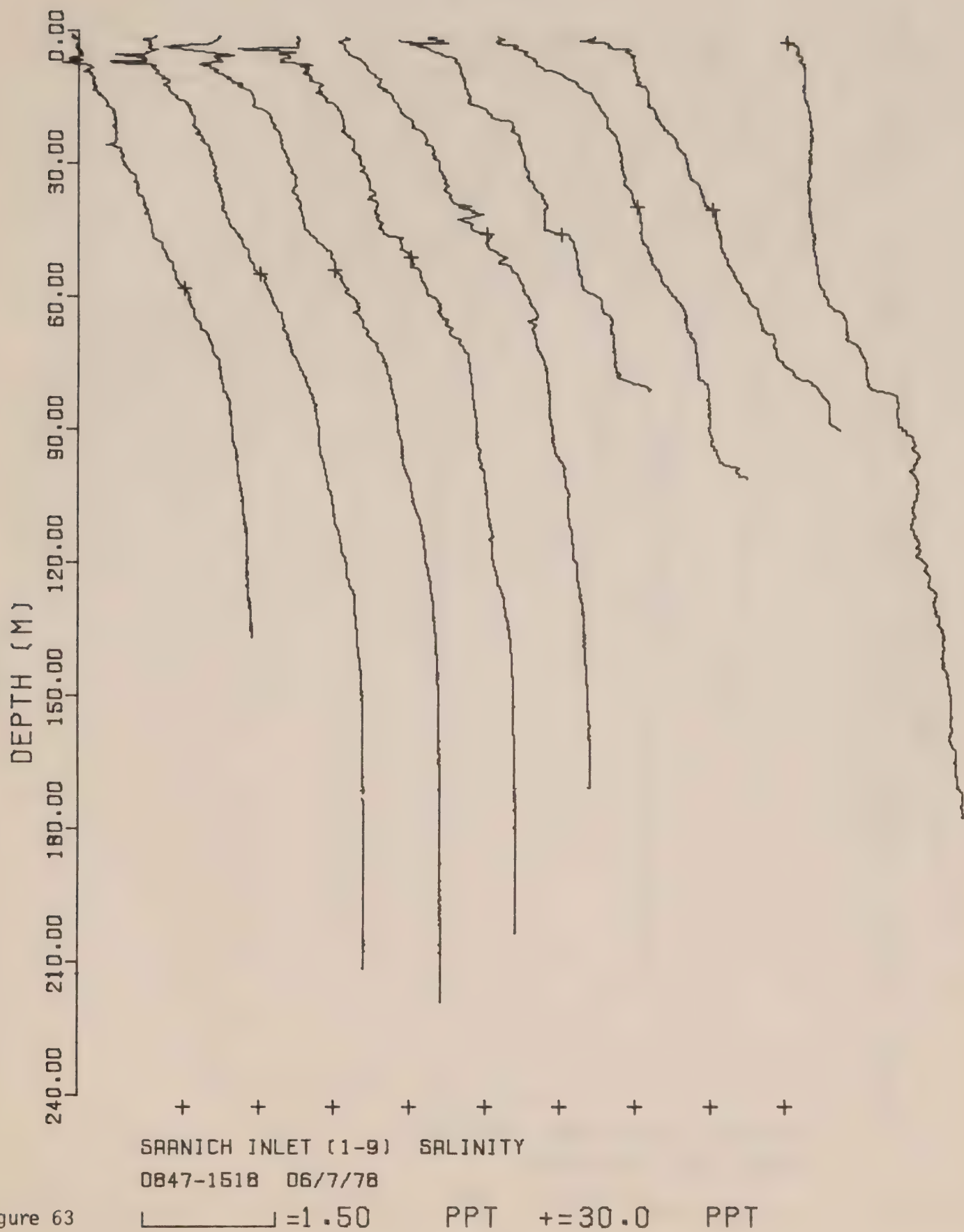


Figure 63

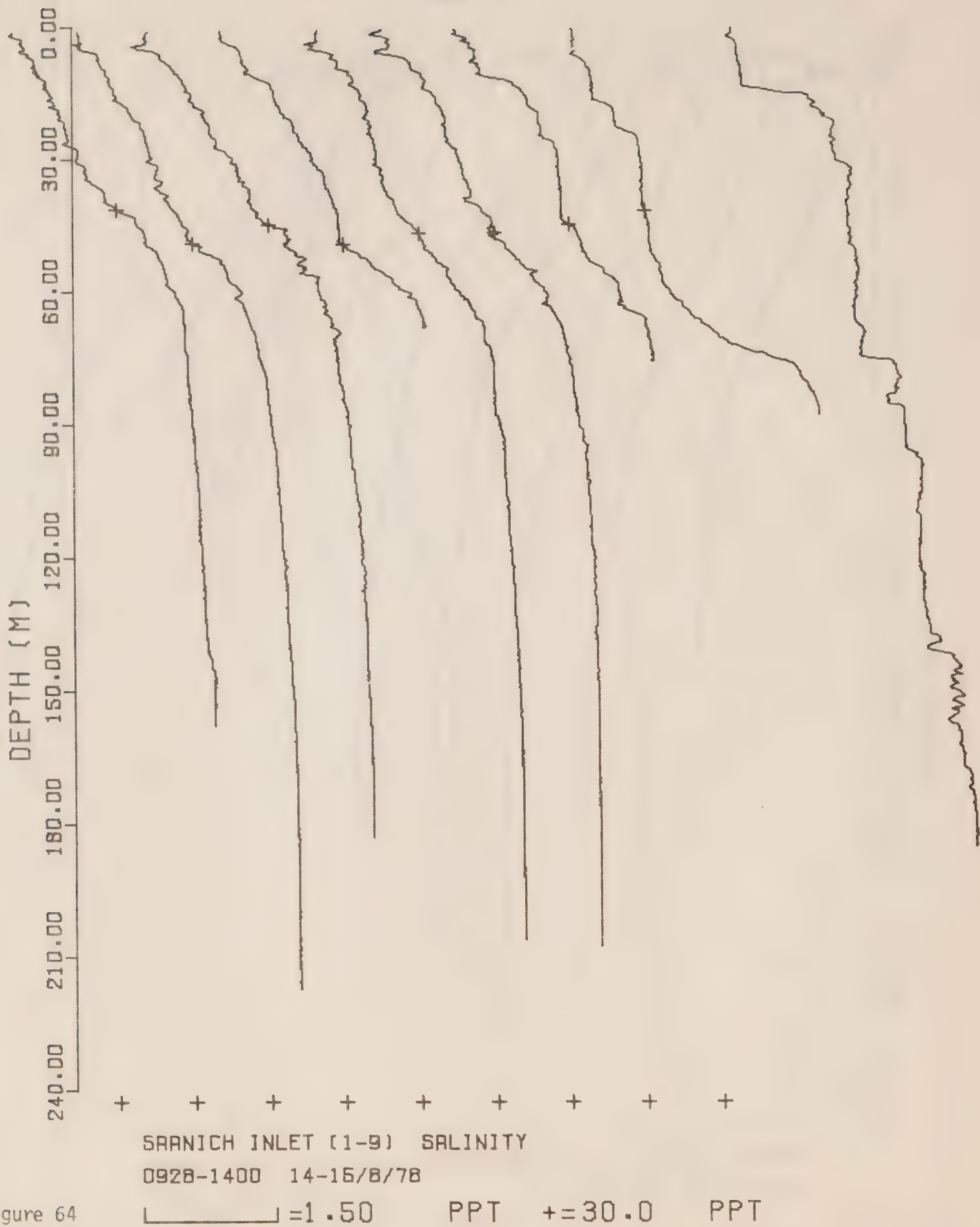


Figure 64

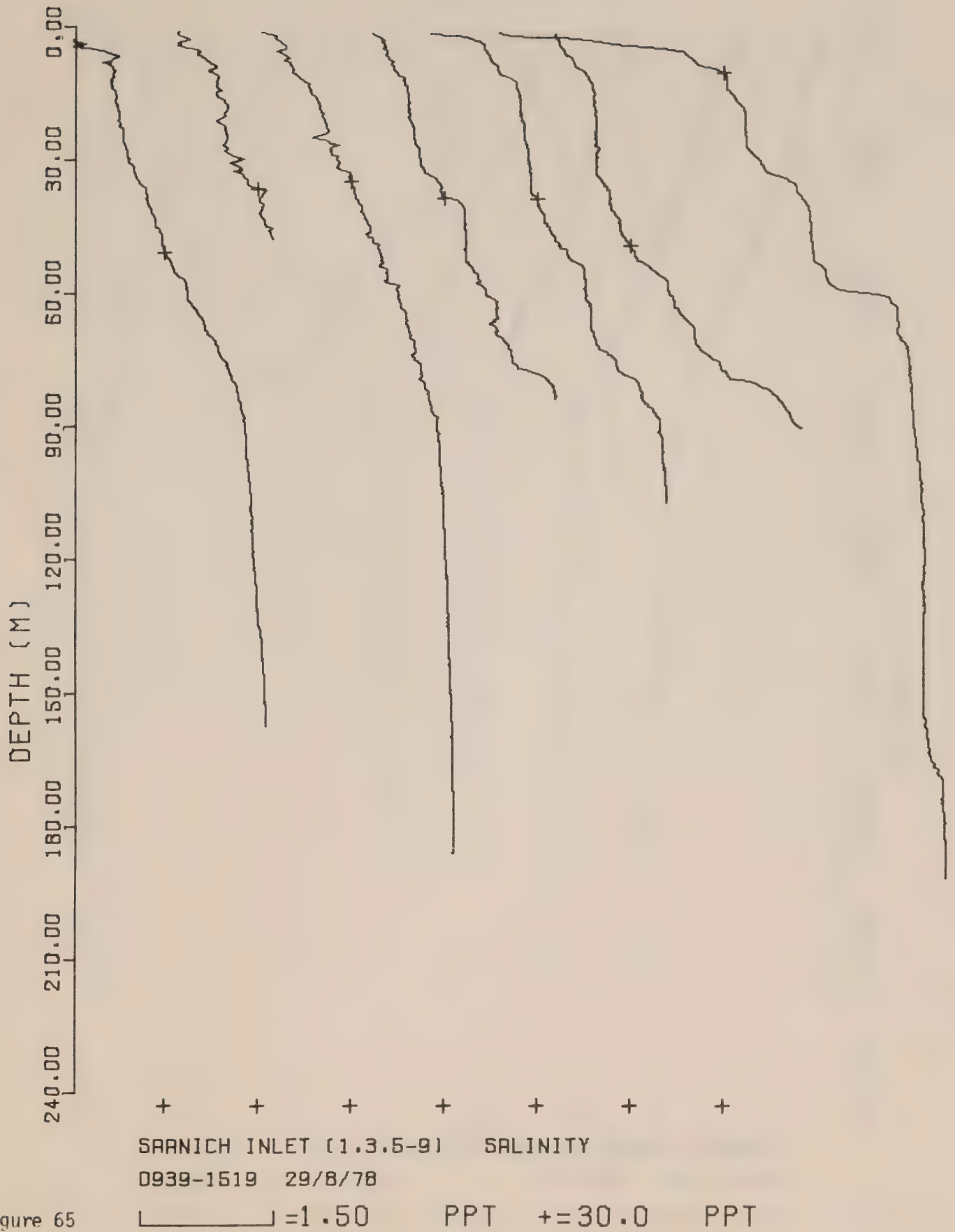


Figure 65

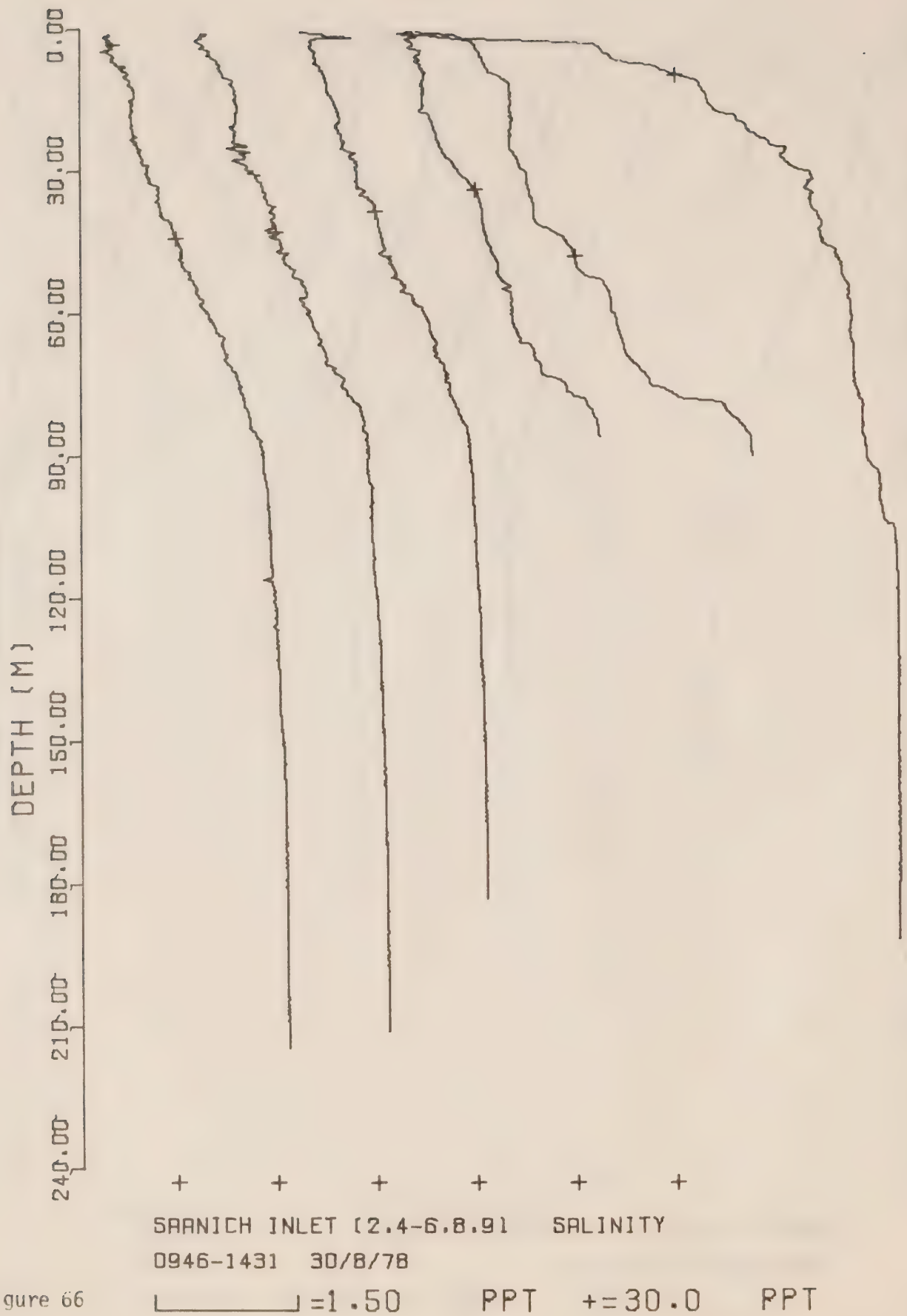


Figure 66

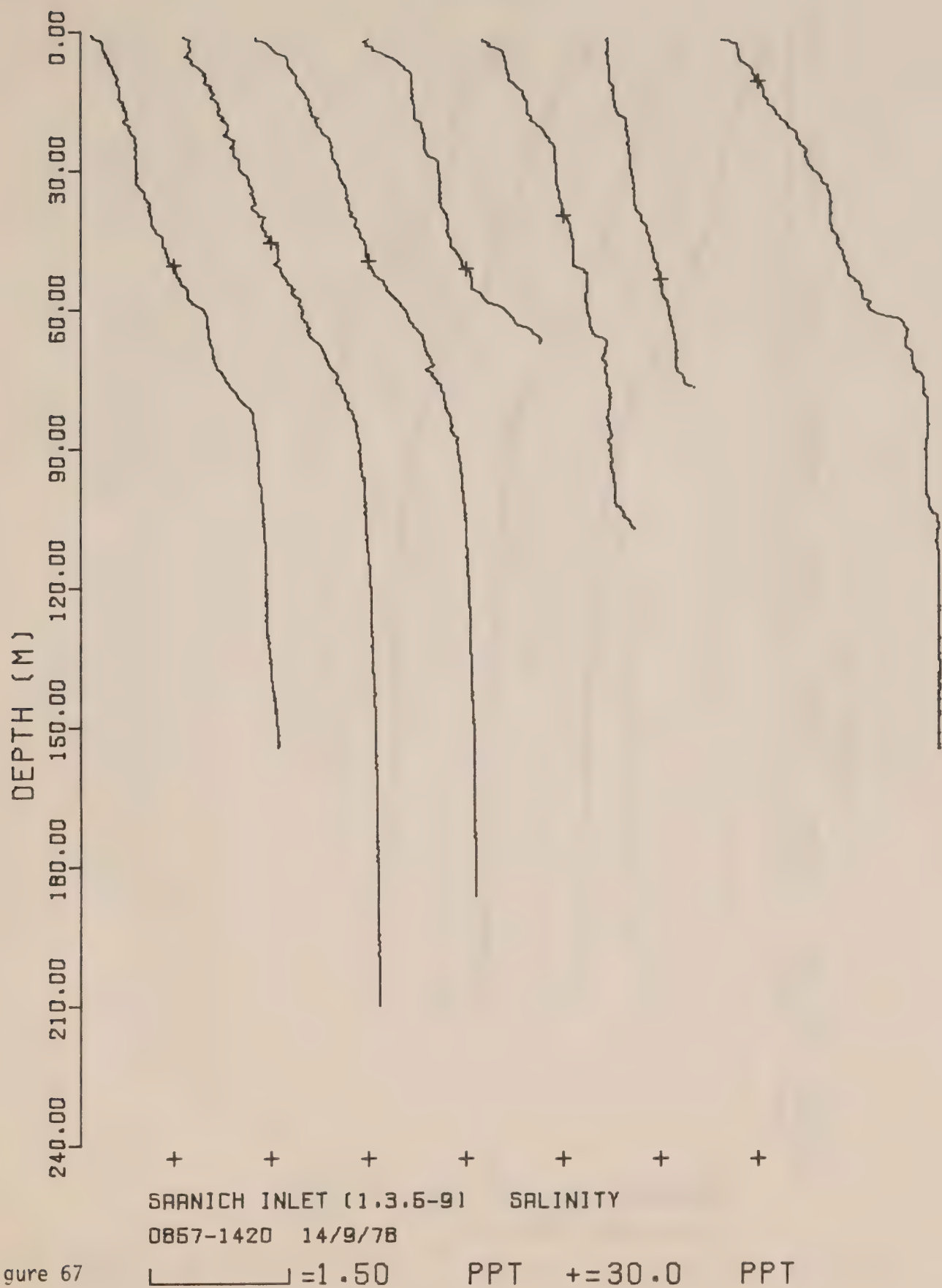


Figure 67

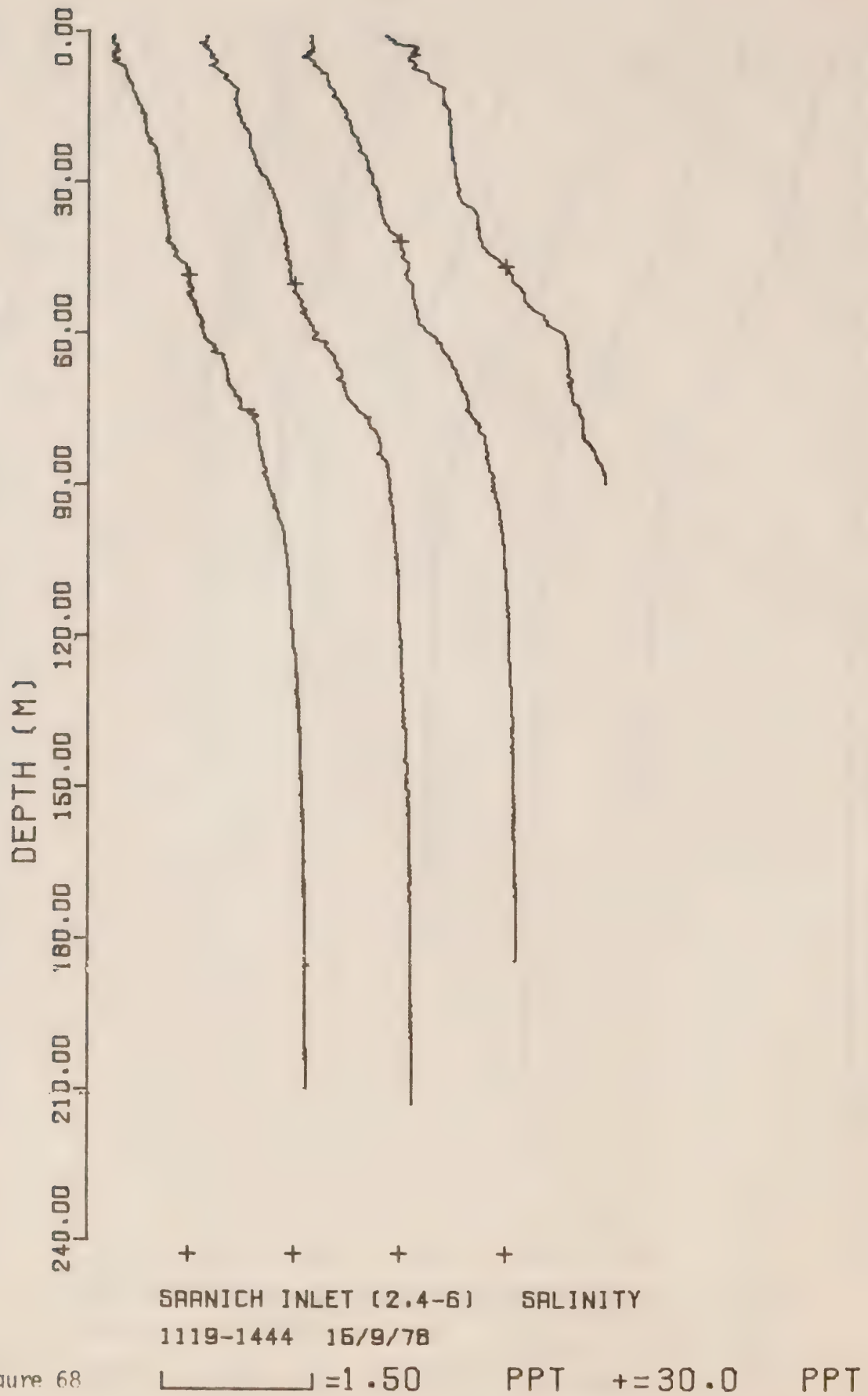


Figure 68

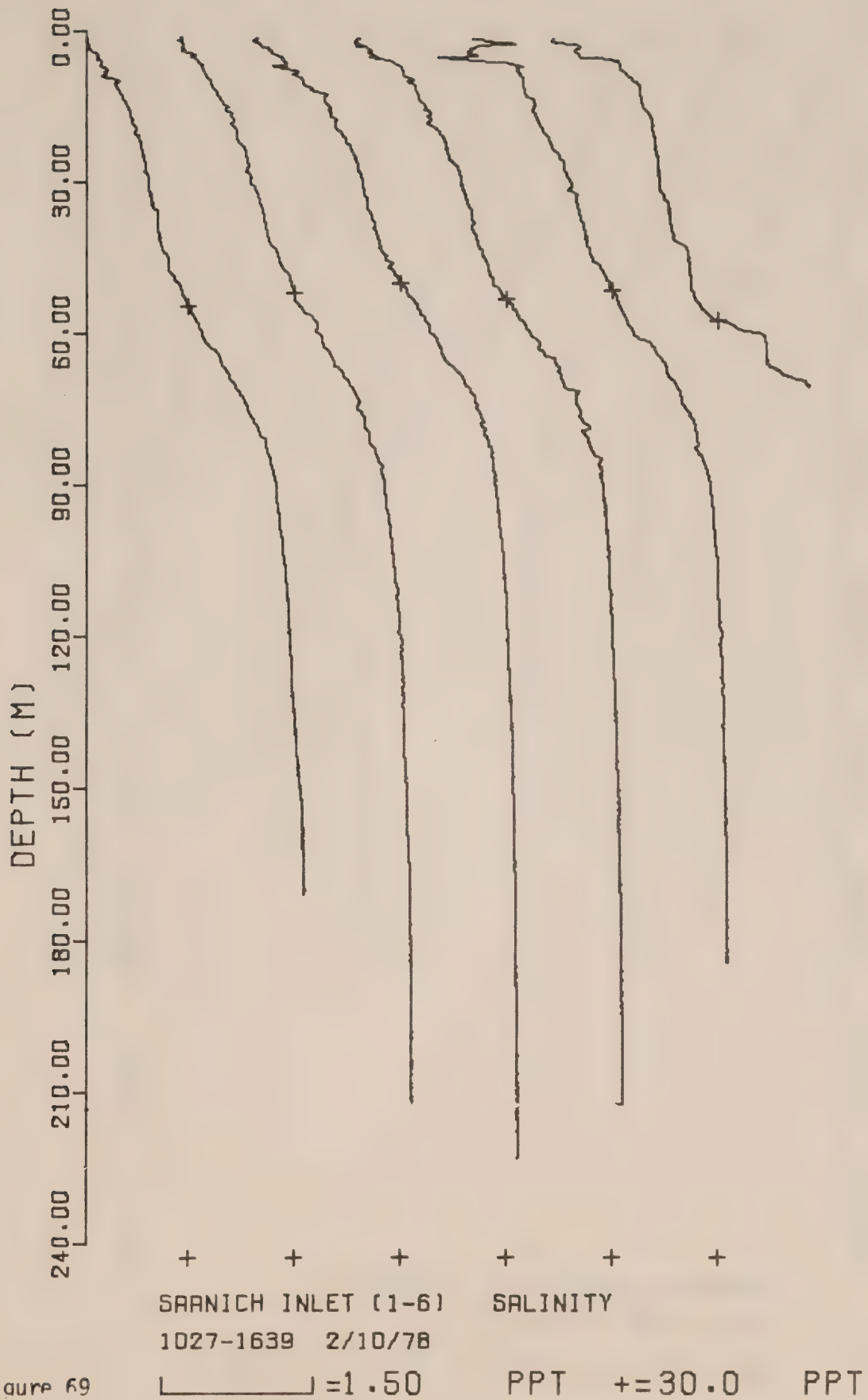


Figure 69

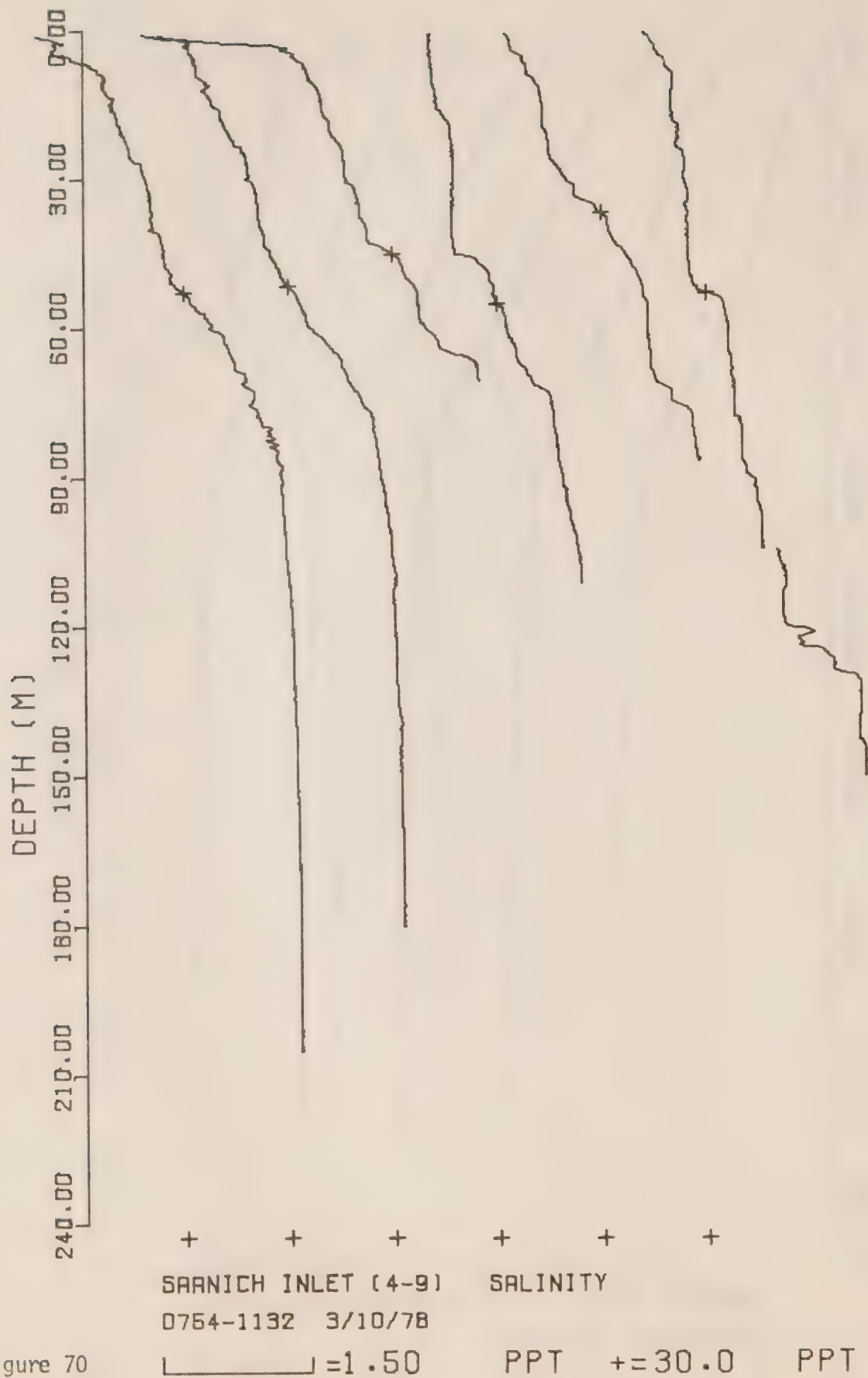
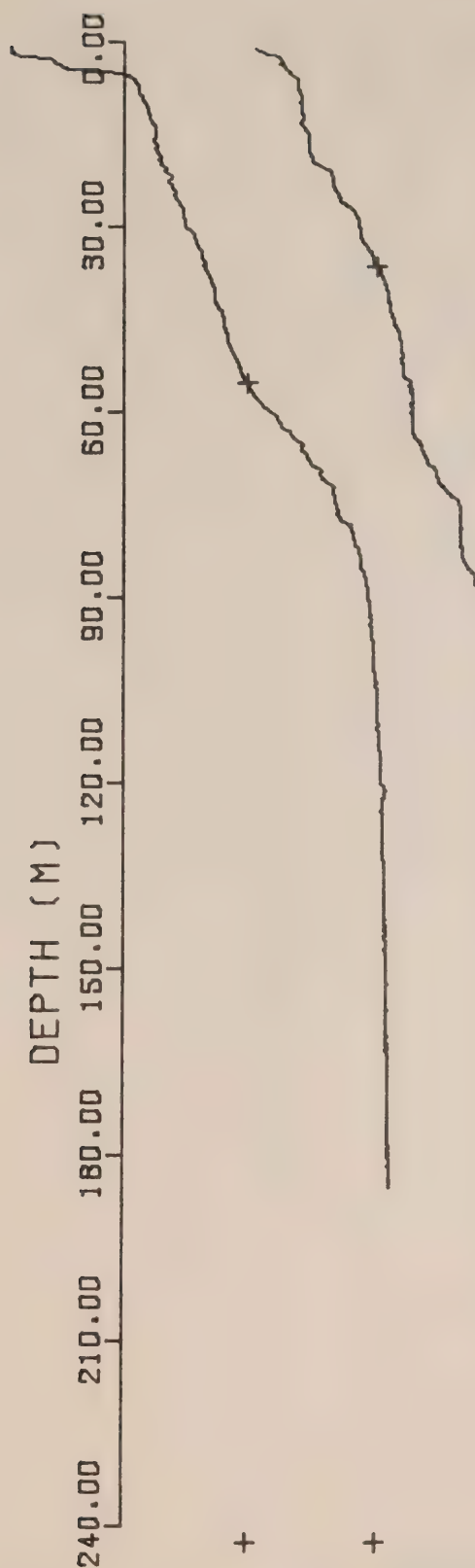


Figure 70



SARNICH INLET (4.8)

SALINITY

0827-1109 4/10/78


 = 1.50
PPT \pm 30.0 PPT

Figure 71

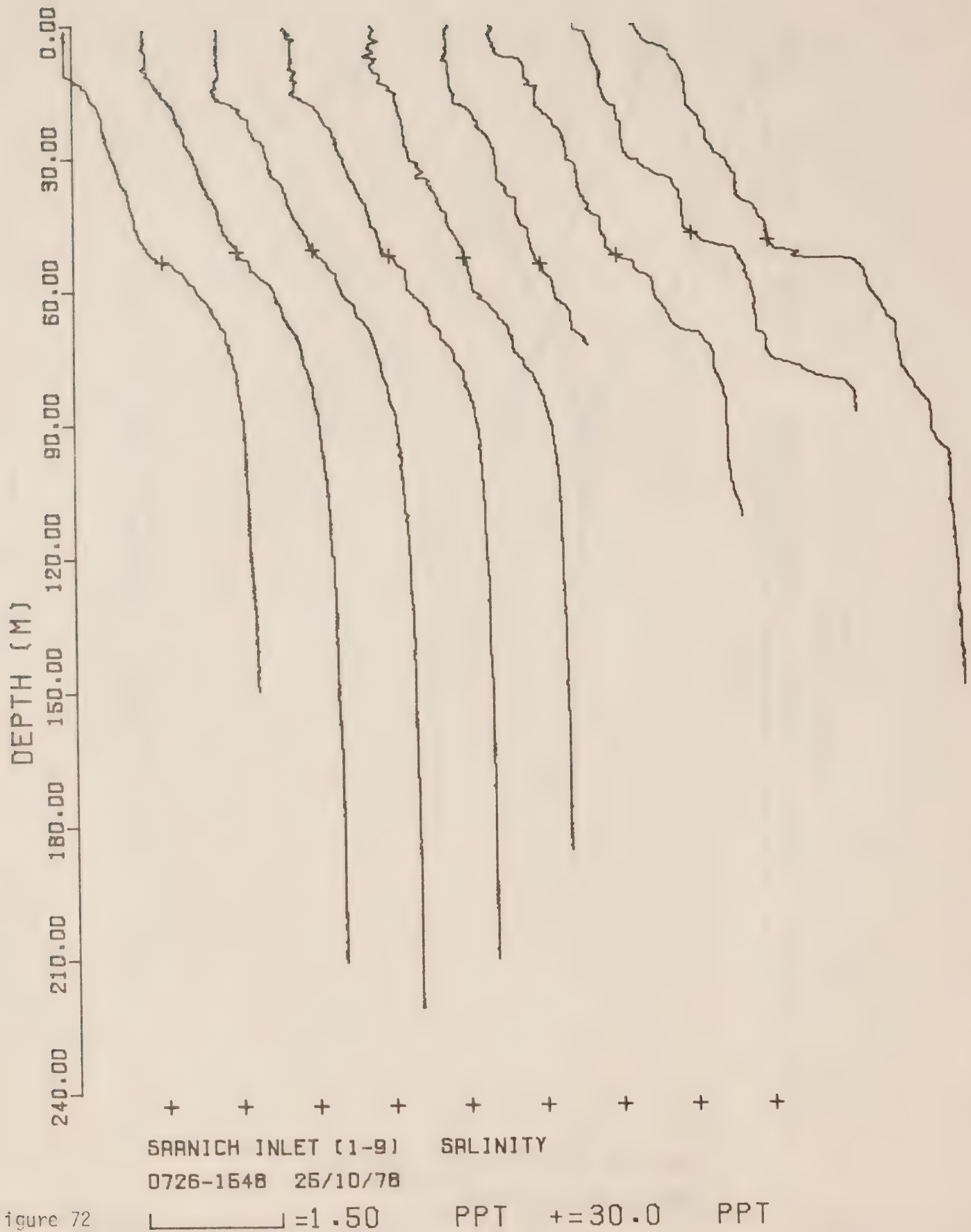


Figure 72

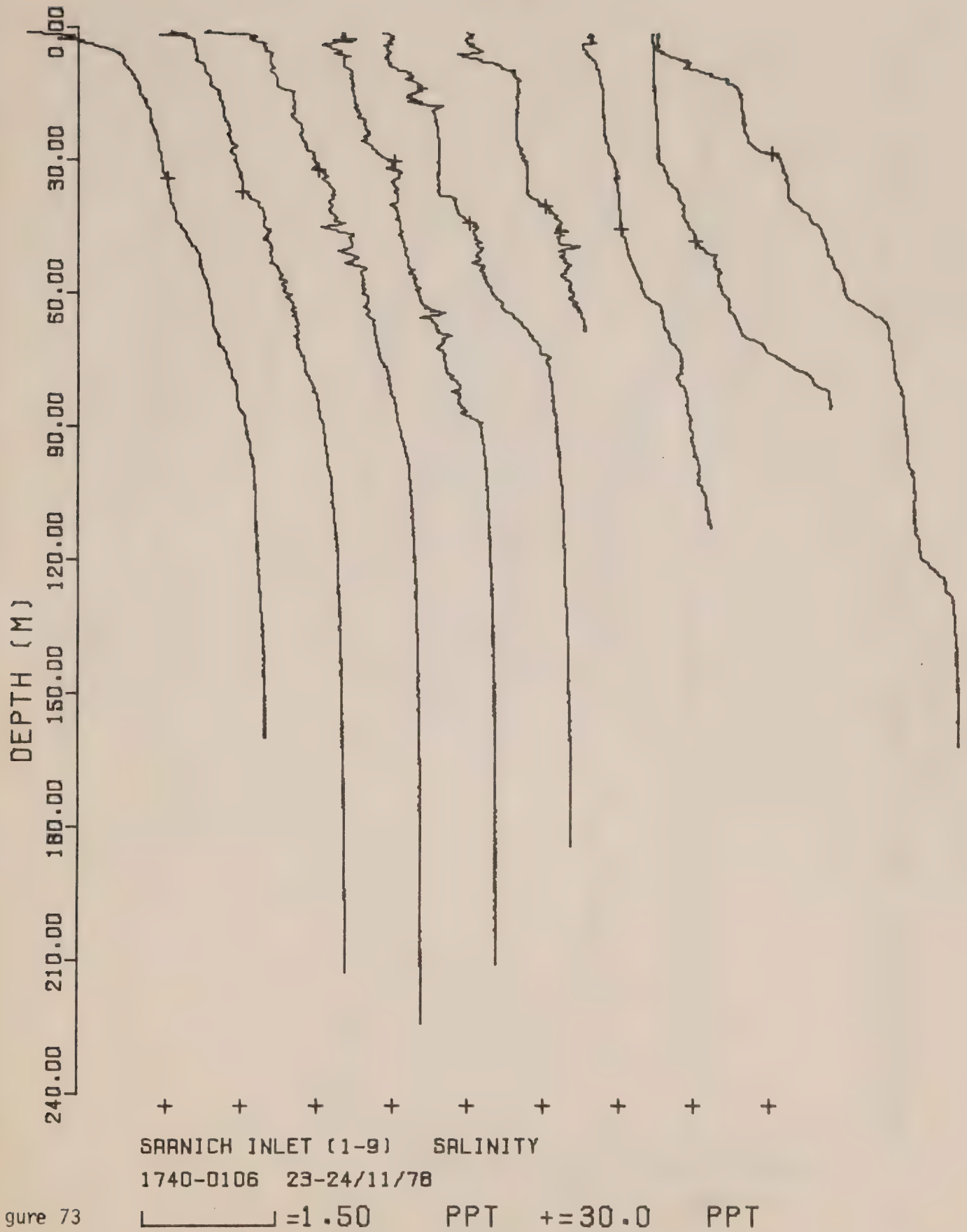


Figure 73

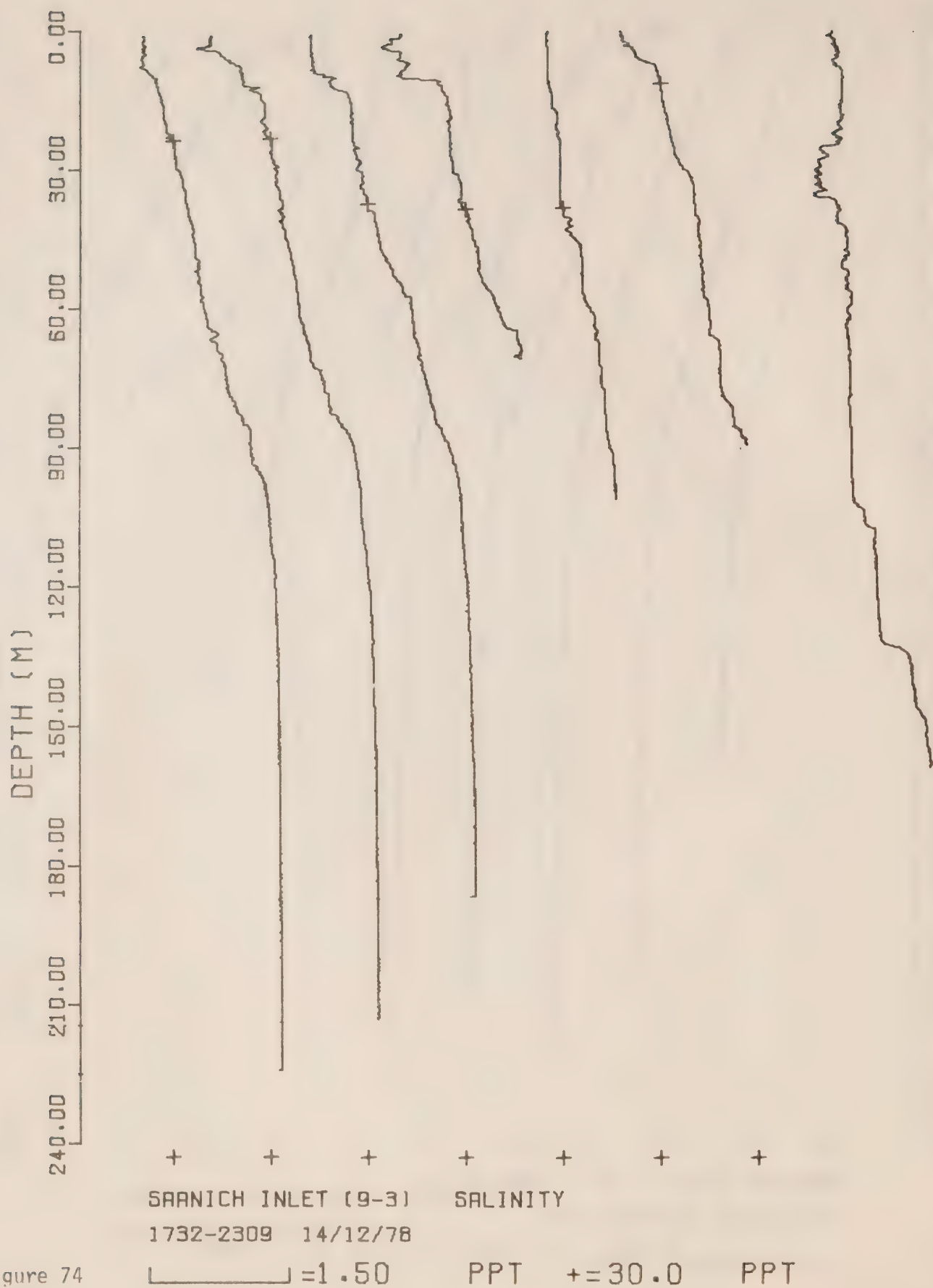


Figure 74

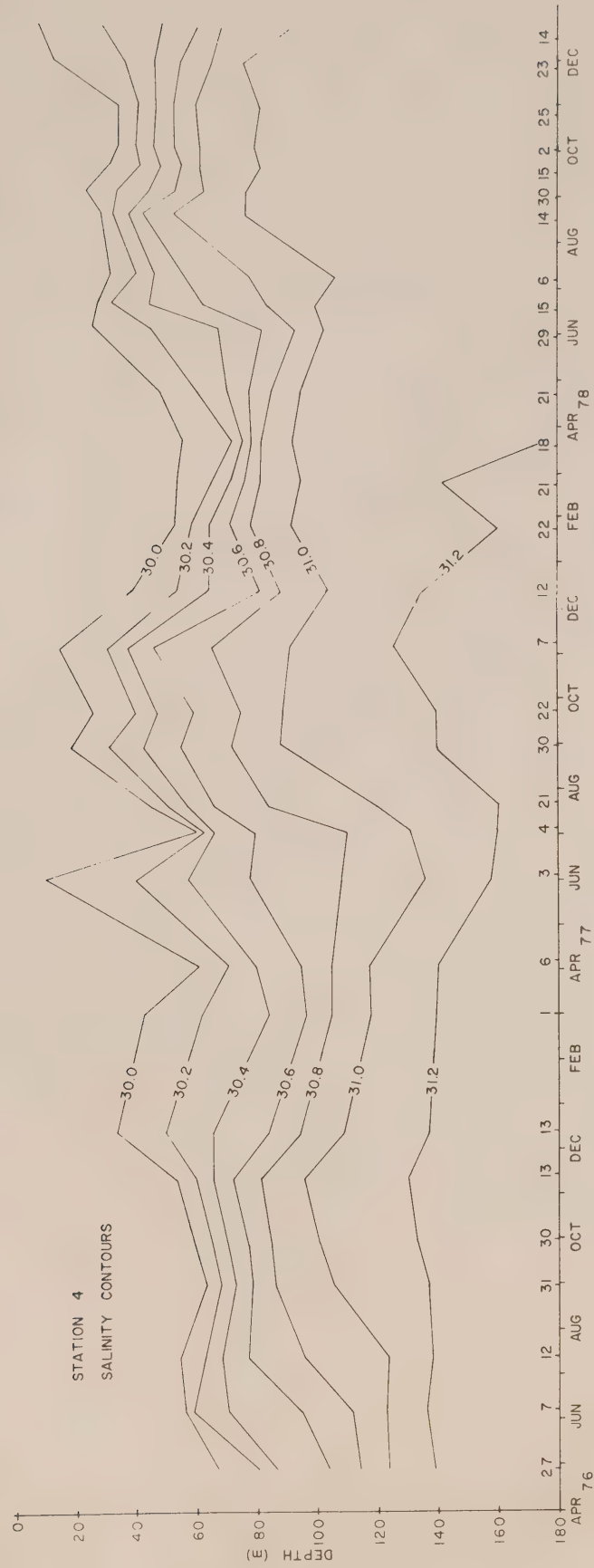


Figure 75 Salinity contours at station 4

